

A SUMMARY OF

# TECHNICAL MANUALS

BULLETINS • CATALOGS • SPECIFICATIONS  
ON MATERIAL HANDLING AND PACKAGING EQUIPMENT AND SUPPLIES  
WHICH WERE LISTED IN FLOW MAGAZINE DURING THE PAST YEAR

For Busy People, A Concise, Ready Reference Of  
Valuable Information Compiled According To  
Product Classification For Quick, Easy Review



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# Batteries and Chargers

## Complete Power Unit:

A battery for walkie type trucks with a permanently mounted charger on the battery is colorfully described in a brochure from KW Battery Company, Inc. The battery remains on the truck and can be charged whenever the truck is not in operation by plugging into any 110 volt 60 cycle outlet.

Circle No. 1

## Efficiency in Action:

Two case histories describing how the use of electric industrial trucks has increased material handling efficiency at several companies are featured in the current issue of *Storage Battery Power*, published by The Edison Storage Battery Division of Thomas A. Edison, Inc. A third article describes how an iron works keeps its industrial truck fleet "on the go" by means of an efficiently-operated battery shop.

Circle No. 2

## Battery Maintenance Manual:

A technical training manual on lead-acid storage batteries for electric industrial truck use is available from Gould-National Batteries, Inc. The 44 page book with 64 photographs, diagrams and tables has been specifically designed to enable users of battery-powered industrial trucks to organize battery maintenance training programs in their own plants.

Circle No. 3

## Experiences with Batteries:

Offered to inform prospective users of industrial batteries of others' experiences, "On-the-Job Fact Sheets" of The Edison Storage Battery Div. of Thomas A. Edison, Inc. cover a wide range of industries, include details on operation in extreme temperatures, battery life, dependability, maintenance, and resistance to damage.

Circle No. 5

## Battery Construction:

Industrial batteries for control, switch-gear and auxiliary power are described in literature available from C&D Batteries, Inc. Outstanding characteristics of PlastiCal (lead-calcium) batteries are listed, together with construction details.

Circle No. 6

## Electric Power:

A bulletin entitled "Engineering Services for Users of Edison-Equipped Industrial Trucks" is available from Thomas A. Edison, Inc. It explains to the potential user of Edison batteries what he may expect in the way of inspections, personnel training and recommendations.

Circle No. 7

## Battery Bulletin:

Two specification bulletins have been released by C&D Batteries, Inc., covering the company's complete line of lead-calcium and lead-antimony batteries for control, switch-gear and auxiliary power application.

Circle No. 9

## Battery Safety Check:

Eighteen ways to check industrial storage batteries, and the reasons why, are given in a current issue of Gould Battery News, released by Gould Storage Battery Company.

Circle No. 10

## Battery Specifications:

C&D Batteries, Inc. is offering a brochure which gives specifications and details on PlastiCell industrial batteries.

Circle No. 11

## Accurate:

Catalog from The Electric Storage Battery Company tells how Exide batteries respond instantly to any power need required for rapid, accurate handling operations.

Circle No. 12

## Storage Batteries:

Bowers Battery & Spark Plug Co. has available details on industrial batteries.

Circle No. 13

## Uses Pallets to Advantage:

Increased handling efficiency by use of unit pallet loads in a new Chicago bakery is featured in an article in the current issue of *Storage Battery Power*, Published by the Edison Storage Battery Division of Thomas A. Edison, Inc. Other case histories describe pallet handling in a large Virginia apple storage warehouse and the installation of the first Edison MC storage battery in a hightiering truck handling cased beer in a Philadelphia brewery.

Circle No. 14

# Casters, Wheels and Tires

## Tire Guidebook:

B. F. Goodrich Co. offers free a copy of its "Industrial Tire Guidebook".

Circle No. 15

## Caster Facts:

Faultless Caster Corp. offers facts on casters engineered to your requirements.

Circle No. 16

## Industrial Tires:

U. S. Rubber Co. has available information on two types of Innacush industrial tires—the regular pressed-on version and the new demountable type.

Circle No. 17

**In a Hurry?**  
For complete, fast information on any item, or items, circle the corresponding number on the Reader Service Card, facing pages 16 and 17, and mail it right away.

## Casters, Wheels, Tires

Continued

### Completely Sealed Casters:

The need for periodic maintenance is eliminated, says Albion Industries, Inc. in literature which describes casters that are completely sealed.

Circle No. 18

### Solid Tires:

Free booklet from Phoenix Manufacturing Co. indicates sizes and load specifications of cured-on solid tires.

Circle No. 19

### Wheel Study:

"Rolling Resistance" is the title of a new, comprehensive technical study prepared by The Hamilton Caster & Mfg. Co. for release to industrial wheel users. The report is based on tests of 39 combinations of wheels, tires, axles and bearings.

Circle No. 20

### Caster News:

Darnell Corp. Ltd. has a publication called "Darnell Forecaster". It tells how casters are working for industry to keep equipment and products rolling along.

Circle No. 21

### Heavy Duty Casters:

How heavy duty casters are working in every type of industry is told by The Bassick Company. Help offered on new ways to improve your handling.

Circle No. 22

### Wheels and Progress:

Nutting Truck and Caster Company has released a brochure titled "About Wheels and Progress". The 20-page publication gives a brief history of the company and tells the story of the development of its equipment from 1891 to the present day.

Circle No. 23

### Rubber Wheel Information:

A brochure on industrial wheels is available from Bronco Products Company. It contains illustrations of each type of Bronco wheel, plus descriptive literature explaining the variety of rubber treads.

Circle No. 24

### Lists Tire Sizes:

Tires for industrial use are pictured and described by Mitchell Industrial Tire Company, Inc. in a colorful leaflet. The literature lists sizes available and tells about the company's special introductory offer.

Circle No. 25

### Caster and Wheel Catalog:

The Colson Corporation has available a 20-page catalog covering its complete line of industrial casters and wheels. Instructions on how to select the proper type and capacity wheel and caster are included in the literature.

Circle No. 26

### Compares Wear and Tear of Solid Industrial Tires:

Severe fatigue tests to determine wear resistance of solid lift truck tires are described in a new colorful booklet now available from the Monarch Rubber Company. These tests, over a period of years, determine comparative strength and resistance of standard lift truck tires to cutting, chipping and wear. Illustrations show tires before and after specific tests.

Circle No. 27

### Multiplies Usefulness:

How to expand the usefulness of a voice communications channel so that it is capable of transmitting from two to 18 times as much intelligence is described in a 12 page bulletin available from Motorola.

Circle No. 31

### Mobile Radio:

Bulletin ECR-152A issued by General Electric Company features and describes the company's new 15-watt mobile unit and 15-watt base station unit, recently added to its line of low band (25-50 mc.) two-way radio communication equipment.

Circle No. 32

### Increased Production:

Diamond Power Specialty Corp. explains in bulletin 1136 how the Utiliscope (wire television) can increase production, save manpower, improve product quality and prevent accidents. Unit is claimed to be low in cost.

Circle No. 33

### Plant Communication for Control:

TelAutograph Corporation offers a new 8-color booklet on how to use plant communications to control manufacturing operations, stressing the control of handling work in process. Six basic problems are analyzed and diagrammed. Solutions for these communication problems include an explanation of the Tel-Autograph Telescriber Systems.

Circle No. 34

# Communications

### Central Checking Point

Booklet FF from Dage Television Division of Thompson Products, Inc. tells how industrial television provides a central checking point to keep materials flowing smoothly and stop trouble before it starts. The system is said to offer important money-saving and time-saving opportunities.

Circle No. 28

### How Radio Helps:

Complete information on how two-way radio can be used to achieve substantial savings by making material handling far more efficient is given in a new brochure available from Radio Corporation of America.

Circle No. 29

### Two-Way Radio:

New and outstanding features of Bendix two-way radio are contained in a brochure published by Bendix Radio Division of Bendix Aviation Corporation.

Circle No. 30

### Industrial Television:

Radio Corporation of America has issued a catalog which describes the camera pan and tilt mechanism developed for use with RCA industrial television. The equipment is said to be particularly suitable for applications where the camera's position must be changed frequently.

Circle No. 35

### Modern Communication:

If you're interested in what progressive-minded companies are doing to build their profits through use of the latest method of communication, Motorola Communications & Electronics, Inc. suggests you send for a copy of its Newsgram.

Circle No. 36

# Control Equipment

## Automatic Counters:

Electrically and mechanically actuated counters for indicating, recording and automatic regulation of industrial machinery is described and illustrated in a technical reference offered by Richardson Scale Company.

Circle No. 37

## Magnetic Separators:

Detailed information on the construction and uses of magnetic separators for fast and easy handling of steel sheets and plates is included in bulletin 1053 published by Basco Manufacturing Company.

Circle No. 38

## Door Operators:

Catalog A-87 published by Richards-Wilcox Mfg. Co. tells how you can profit with R-W automatic electrical industrial door operators in your plant.

Circle No. 39

## Control Devices:

General Electric Company has published a 68 page catalog on control devices which features a special section on selection of motor control.

Circle No. 40

## About Door Openings:

The 1955 edition of the Barber-Colman Company Overdoor Guide on overhead type doors, electric operators and radio control is now available. Methods of preparing building openings and space required for the installation of an Overdoor are given in drawings and charts for all models.

Circle No. 41

## Easy Counting:

Numerical breakdowns of parts, portions, products or anything countable can be obtained on the Vary-Tally unit of Veeder-Root Incorporated, according to a recent brochure on the subject. Special features of the counting machine are described, together with possible applications.

Circle No. 42

## Automatic Doors:

Full information on Stanley Magic Door controls is offered by The Stanley Works. Literature tells how the doors can work profitably for you.

Circle No. 43

## Inventory Control System:

How a large Colorado manufacturing company accomplished a 50 percent reduction of capital tied up in inventory, together with a 50 percent saving in clerical personnel, is described in a four-page illustrated bulletin released by Remington Rand Inc. An inventory control system was the key to the savings.

Circle No. 44

## Industrial Wear Control:

American Brake Shoe Company has published its first complete catalog, with emphasis on industrial products. The catalog contains sections on ferrous and non-ferrous castings, welded products, air compressors, industrial pumps and railroad products, among other items.

Circle No. 45

## Electronic Controls:

"Cutting Production Costs with Electronic Controls" is the title of a 74 page handbook available from Photoswitch Incorporated. The book presents 46 case studies of industrial control problems and explains, in terms that can be understood by everyone, how they were solved through the use of electronics. It is indexed by application and industries.

Circle No. 46

## For Bulk Materials:

An improved type heavy duty Tellevel bin level control is described by Stephens-Adamson Mfg. Co. in an informative brochure. Practically any system of automatic controls or signals can be arranged by installing one or more of the units in any container in which bulk materials are stored, according to the manufacturer.

Circle No. 47

## Helps Lower Costs:

If you'd like to know how to improve production control, reduce machinery down time and lower production costs, Heat-Timer Corporation claims it has the answer for you. Literature gives information about a new instrument called the time recorder and totalizer.

Circle No. 48

## Automatic Merchandising:

Dennison Manufacturing Company has prepared a catalog which gives details on what is said to be a new concept of automatic merchandising. Key to the system is a Print-Punch marking machine.

Circle No. 49

## Modern Counting:

The Denominator Company, Inc. has prepared a brochure which covers what is said to be the simplest and most modern method for counting, tabulating, segregating and recording vital figure facts with accuracy.

Circle No. 50

## Automatic Industrial Doors:

Published by Clark Door Co., and available on request, is a booklet detailing automatic, electrically operated doors which are furnished in completely packaged units. Applications which expedite plant traffic and improve temperature and humidity control are described.

Circle No. 51

## Money-Saving Doors:

The money- and manpower-saving advantages of automatic doors are detailed in literature offered by National Pneumatic Company, Inc. The 8-page booklet describes the types of door operators manufactured by the company, and covers some of the more important applications.

Circle No. 52

## Mass Flow Measurement:

A colorful bulletin describing the use of a Gyro Mass Meter for precision measurement of mass flow of fluids is offered by the Control Engineering Corporation. Operating principles, advantages and applications are discussed.

Circle No. 53

# Conveyors

## Pneumatic Handling:

The Fuller Company offers a 4-page reprint of a technical article on the pneumatic handling of flour and sugar. Describing how the entire handling operation is controlled from a central panel by one man, the article tells how the pneumatic system reduces handling costs to approximately 5 percent of the total manufacturing costs.

Circle No. 54

## News About Magnets:

A detailed compilation of many types of magnetic installations produced by Eriez Manufacturing Company is available in a 16-page catalog. The catalog contains technical data, specifications and information on installation of magnetic equipment.

Circle No. 55

## Conveyors

Continued

### For Terminal Operators:

How motor freight terminals are using the tow-truck method of handling to cut costs, eliminate scrambled shipments, and increase tons-per-manhour while reducing employee fatigue is shown and explained in a four-page illustrated case study available from The Rapids-Standard Co., Inc.

Circle No. 56

### Overhead Handling:

Full details on an overhead handling system said to possess fundamental and inherent advantages over any other system are contained in literature published by The Louden Machinery Company.

Circle No. 57

### Pneumatic Conveying:

Young Machinery Company has released a four page bulletin covering its Transvair pneumatic conveying system. Many applications and advantages are described.

Circle No. 58

### Engineered From Experience:

A 36-page catalog published by Metzgar Conveyor Company is offered as a guide in the selection of conveying equipment which is said to be engineered from experience. A request on company letterhead will speed the catalog to you.

Circle No. 59

### Continuous Flow:

Mathews Conveyor Company offers information on standardized conveyor units and complete systems, and notes 50 years of progress in continuous-flow conveying.

Circle No. 60

### Hinged Steel Belting:

Bulletin MF-530 published by May-Fran Engineering, Inc. gives full details on continuous belt conveyor made-up of heavy gauge steel links that are joined by high carbon steel rods.

Circle No. 61

### Operating Costs High?

If you'd like to know how to take a big slice out of your operating costs, Service Conveyor Co. has a pamphlet on the subject.

Circle No. 62

### Conveyor Catalog:

A 16 page catalog has been published by The Rapids-Standard Company, Inc. covering the entire line of Rapistan conveying equipment. Included are specifications, general data and application photos.

Circle No. 63

### Aluminum Gravity Conveyors:

Literature from Speedways Conveyors, Inc., tells about aluminum gravity wheel conveyors that will do double-duty throughout your plant.

Circle No. 64

### Specifications and Applications:

Nearly 50 years of conveyor experience is summed up in a general catalog published by Standard Conveyor Company. Twenty-eight fast-reading pages give specifications, drawings and application data.

Circle No. 65

### Eliminates Multiple Handling:

Union Steel Products Company offers literature on a light-weight conveyor system that is said to eliminate multiple handling of products, save man-hours and floor space.

Circle No. 66

### Magnetic Handling:

It costs you less to handle small metal parts with a Magnetool, according to literature offered by Multifinish Mfg. Co. The tool instantly picks up and releases small parts.

Circle No. 67

### Telescopic Conveyor:

Literature from Wilkie Company tells how loading and unloading can be accomplished faster, smoother and easier with telescopic conveyors.

Circle No. 68

### Select the Right Hose:

Quaker Rubber Corporation, Division of H. K. Porter Company offers a new 58-page industrial rubber products catalog, illustrating belting, industrial hose, packing and moulded rubber goods. In addition to technical product data, the catalog includes information on conveyor belting and hose construction, hose application, selection, longer life and couplings.

Circle No. 69

### No More Bottlenecks:

How production bottlenecks were overcome in the stamping department of an appliance manufacturer is told in a performance report available from The Alvey-Ferguson Co.

Circle No. 70

### Conveyor Belting:

Imperial Belting Company is off the press with a folder which gives a capsule description of construction and types of treated stitched canvas belting for all conveying and elevating applications. The bulletin also describes the manufacturer's engineering and research facilities.

Circle No. 8

### Controlled Drive:

Thyatron motor control drive, what it consists of and how it operates, is described in bulletins GEA-5829 and GEA-5827 available from the General Electric Company.

Circle No. 71

### Vibrating Applications:

Vibro-Plus Products, Inc. has available a bulletin which lists possible applications for vibratory equipment. Uses range from the food industry to foundry operations. The company would welcome an opportunity to supply you with new answers to old problems.

Circle No. 72

### Ten Ways to Cut Costs:

An eight-page brochure produced by Jervis B. Webb Co. describes how the Junior light weight Trolley Conveyor can cut production costs ten ways. Made specifically for this equipment is a new 2% inch I-beam track. Capacity with single roll ball bearing trolley is 75 pounds; double roll, 100 pounds.

Circle No. 73

### Sanitary Conveyor Belting:

Main Belting Company is offering information on its white sanitary conveyor belting, especially designed to meet the rigid sanitation standards of food and candy factories.

Circle No. 74

### Conveyor Profit-Makers:

Catalog published by Prab Conveyors, Inc. points out the advantages of Prab's design, and gives data on the Magnavator, Tube-Veyor and Chip-A-Way units, said to be profit-makers for industry.

Circle No. 75

### Woven Wire Screens:

Simplicity Engineering Company announces publication of a new illustrated catalog which covers its complete line of woven wire screens for repair and replacement. The catalog describes the methods employed to fabricate wire screening to exact specifications and lists the sizes and types of woven wire screen now available.

Circle No. 76

### **Overhead Chain Conveyor:**

The Multi-Plane Chain Corporation features the flexibility and simplicity of its chain conveyor in an eight-page bulletin which shows the design of the track hangers and bolted construction of straight, curve and dip sections of the track. The patented chain requires no lubrication, the trolley yokes are cast of lightweight aircraft aluminum and the trolley wheels are life-time lubricated.

**Circle No. 77**

### **Conveyor Stories:**

Latest issue of "The S-A Conveyor" published by Stephens-Adamson Mfg. Co. contains interesting stories on S-A conveyors on-the-job. Subjects covered range from an Alabama ceramic tile manufacturing company to damming the Damodar river in India.

**Circle No. 78**

### **Time, Production and Profits:**

A 24-page booklet which talks about time, production and profits has been published by Lipe-Rollway Corporation. It deals with automatic production as a tool for cutting inefficiencies.

**Circle No. 79**

### **Adaptable Portable Conveyor:**

The most adaptable portable belt conveyor you can find is the Unitable, claims literature published by Conveyor Specialty Company Inc. Unit may be used for assembly, inspection or packaging.

**Circle No. 80**

### **Screw Conveyors for Bulk:**

Bulletin F-155 from Hapman Conveyors, Inc. tells how you can cut costs through the use of screw conveyors for flowable bulk material.

**Circle No. 81**

### **Impervious to Dirt:**

Globe Woven Belting Co., Inc. offers facts on Neoprene rubber belting built to combat everything from acids and alkalis to dust and dirt.

**Circle No. 82**

### **Chainless Conveyors:**

Advantages of The Landahl Conveyor Company's trolley, track and drive unit are pointed out in a bulletin covering chainless conveyors. On-the-scene photographs give an eye-view of the equipment at work.

**Circle No. 83**

### **Belt Chart:**

A color chart showing engineering data for standard conveyor belt constructions is available from Quaker Rubber Corporation, Division of H. K. Porter Company, Inc. The chart and its accompanying engineering data sheet are said to be an industry first.

**Circle No. 84**

### **Substantial Savings:**

How to plan a low cost conveyor system at substantial savings, by drawing on your own plant know-how, is explained in data from Arrow Products, Inc.

**Circle No. 85**

### **Metal Process Belts:**

Illustrated catalog F52 published by Ashworth Bros., Inc., gives information on metal process belts which are resistant to heat, chemicals and abrasion.

**Circle No. 86**

### **Engineering Data Book:**

Book ID-541 published by Continental Gin Company contains engineering data on its screw conveyors. The book is indexed for easy reference.

**Circle No. 87**

### **Pace-Sets Production Speed:**

Metzgar Conveyor Company offers details on how you can pace-set your production speed with its versatile live roller conveyors.

**Circle No. 88**

### **Engineered Conveyor:**

How to lower handling costs, synchronize delivery of materials in production and eliminate bottlenecks is described in data available from Alvey Conveyor Manufacturing Company.

**Circle No. 89**

### **"Packaged" Conveyor Components:**

Sandvik Steel Belt Conveyor Division has available a bulletin covering "packaged" terminal end assemblies for steel belt conveyors. The literature discusses both tension end and drive end component assemblies and tells how the pre-engineered units are supplied ready to operate when mounted on a supporting framework.

**Circle No. 90**

### **Dragline Conveyors:**

Trukveyors, a dragline conveying medium designed to reduce the unit cost of material handling in warehouse, truck and railroad terminals, are described in a 24-page booklet available from Link-Belt Company.

**Circle No. 91**

### **Conveying Cinders:**

The Jeffrey Manufacturing Company has prepared a pamphlet which gives a case history report on its conveyors in use in a cinder block plant. Except for a bucket elevator, the units come fully assembled, ready to set in place.

**Circle No. 4**

### **Lightweight Conveyor:**

New London Engineering Co. offers information on its aluminum portable conveyor for boxes, bags, bundles or bales.

**Circle No. 92**

### **Bulk Material Tube:**

Canton Stoker Corp. has literature on a Flo-Tube spiral conveyor for handling bulk materials.

**Circle No. 93**

### **Fast Conveying:**

Barber-Greene Company offers details how you can convey from 100 to 425 tons per hour with B-G conveyors.

**Circle No. 94**

### **Automatic Conveyor Lubrication:**

Two new systems for lubricating conveyors constantly and automatically are covered in a revised, six-page booklet produced by J. N. Fauver Co., Inc. Identified as Catalog CY849, it includes a supplement covering the 700 series, in which there is one model to lubricate one side of a conveyor only, another to lubricate both sides of a monorail system.

**Circle No. 95**

### **Economical Handling:**

Literature from American MonoRail Company gives an answer to economical local handling service to process machines.

**Circle No. 96**

### **Bulk Handling:**

Various types of equipment and structures for handling coal, ore and other bulk materials are described in a 32-page illustrated booklet published by Dravo Corporation.

**Circle No. 97**

### **Powerless Drop For Newsprint:**

A technical article covering a powerless roll drop as installed at the New York World Telegram & Sun is offered by Gifford-Wood Company. The article tells how the vertical drop replaces an inclined chute to save floor space, reduce newsprint damage and provide faster, easier handling of rolls of newsprint. It tells how the drop works and includes four photographs showing successive stages of drop operation.

**Circle No. 542**

## Conveyors

Continued

### Light-Load Conveyor:

Turning overhead or bench conveyor problems into profit is the subject of a bulletin describing advantages of the Monoflow conveyor, offered by the M-H Standard Company. Four different industrial applications and technical data are illustrated and described.

Circle No. 98

### Cushion Conveyor Rollers:

Typical Stilson Tool Inc. roller installations are depicted in a brochure available from the manufacturer. The firm manufactures five types of all-neoprene cushion conveyor rollers, each with interchangeable parts.

Circle No. 99

### Conveyor Facts:

Detailed information, specifications, application data and illustrations on roller gravity, wheel, belt and live-roll conveyors is contained in a publication of conveyor facts available from Lamm Corporation.

Circle No. 100

### Fills Bins or Stockpile:

Stephens-Adamson Manufacturing Company describes its Swiveloaders for filling and trimming box cars and storage bins quickly and without exposure to dust. The centrifugal action of material against the high-speed belt causes bulk material to be piled in any direction.

Circle No. 101

### Automatic Selection:

Catalog 953 from Allied Steel and Conveyors, Inc. tells how its conveyor system provides for automatic selection and transfer of any given load.

Circle No. 102

### Double Pitch Chains:

Diamond Chain Company, Inc. has published a 30 page catalog on double pitch chains and sprockets for conveying and power transmission. Photographs, dimensions and selection data are contained in the publication.

Circle No. 103

### Self-Cleaning Conveyors:

Carrier Conveyor Corporation gives specifications, uses and advantages of its Natural-Frequency conveyors in a colorful catalog. The vibrating, self-cleaning conveyor is said to be both practical and economical.

Circle No. 104

### Conveyor Catalog:

Catalog published by Samuel Olson Manufacturing Co., Inc. describes and illustrates the company's line of portable stacking conveyors, horizontal belt conveyors, gravity roller conveyors and gravity wheel conveyors. Included is a wide range of types and sizes from which to choose.

Circle No. 105

### Metal Belts:

Applications, features and specifications of metal belts are listed in a 32 page catalog available from Cyclone Fence Department, American Steel and Wire Division. The literature is well-illustrated throughout.

Circle No. 106

### Automatic Bulk Handling:

Gifford-Wood Company offers a reprint of a technical article that illustrates and describes a new bulk handling system for automatically conveying coke and slag from storage to cupola furnaces at a rock-wool manufacturing plant.

Circle No. 107

### Moving Sidewalk Details:

Details and pictures of Houston's moving sidewalk are presented in a recent issue of Link-Belt News, published by Link-Belt Company. The conveyor sidewalk links the parking area with the Coliseum.

Circle No. 108

### Moving Rubber Sidewalk:

How to ride on a sidewalk while standing still is described in a folder available from B. F. Goodrich, Industrial Products Division. Goodrich calls it "the non-stop, no-waiting way to travel".

Circle No. 109

### Speeds Belt Fastening:

Bulletin F-110 from Flexible Steel Lacing Company describes tests which show that fastening of wide conveyor belts can be speeded up as much as 50 percent with the company's new Flexo speed tools. Furthermore, these tools are said to take much of the hard work out of joining a belt.

Circle No. 110

### Better Belt Joints:

Literature from Clipper Belt Lacer Company describes the company's entire line of belt lacing equipment, which is said to make better conveyor belt joints. Belt lacers and belt hooks are available to meet all requirements.

Circle No. 111

### Conveyor Systems:

Details of complete conveyor systems are contained in brochure published by The E. W. Buschman Co.

Circle No. 112

### Conveyors:

Power belt and gravity conveyors are discussed by A. B. Farquhar Division, The Oliver Corp., in bulletins 400 and 401.

Circle No. 113

### Stitched Canvas Belting:

Fifteen types of Imperial inner-locked stitched canvas belting for conveying, elevating and transmission are described and illustrated in a 4-page folder offered by the Imperial Belting Company.

Circle No. 114

### Interchangeable Conveyors:

Sage Equipment Company's pamphlet explains how to use interchangeable conveyors for six individual operations. Simply hook standardized units together, for continuous flow of materials, to cut handling costs and gain plant efficiency.

Circle No. 115

### Pneumatic Conveying:

A 12-page booklet by Convair contains numerous schematic drawings of pneumatic conveying systems handling all types of materials from alumina to zinc oxide. The company says it can handle any dry material.

Circle No. 116

### Lightweight Overhead Conveyor:

Alvey Ferguson Co. offers information on the Trol-e-veyor overhead chain system. Light in weight, it is said to be engineered for speed, strength, long life, and economy.

Circle No. 117

### Breaks Bottlenecks:

Folder from Harry J. Ferguson Company tells how, by putting conveyors to work, you can easily stop jam-ups on production, inspection, packaging and shipping lines.

Circle No. 118

### Conveyor Belting:

For conveyor installations, transporting many types of material, under a wide range of operating conditions, Victor Balata & Textile Belting Co. suggests Victor belting. Characteristics are contained in available folder.

Circle No. 119

### **Supply Installed:**

Simple for your own men to install Cobura Products' overhead conveying equipment, says data from the manufacturer which outlines the ABC's of the installation.

**Circle No. 120**

### **Buying Conveyor Belt?**

Folder from Buffalo Weaving & Belting Co. tells how to buy the right conveyor belt for your particular job. It contains illustrated uses, maintenance tips, sizes and prices.

**Circle No. 121**

### **Keep Bulk Flowing:**

Are you troubled with flow stoppage in bins? Gerotor May Corporation has literature that will tell you how to solve the problem and reduce operating expense.

**Circle No. 122**

### **Conveyor Bearings:**

Catalog No. 210 from Arguto Oilless Bearing Company says that Arguto bearings never need lubrication, don't drip oil, can be used in inaccessible places, and operate faultlessly without maintenance. The bearings may be used for screw or roller conveyors, and the manufacturer will produce them to any shape or size.

**Circle No. 123**

### **Simple Reel Handling:**

Brooks Equipment and Manufacturing Company has a pictorial release covering the Load Lugger especially designed for reel handling. Reels are simply and easily lifted from the ground to the truck bed, and locked for safe transporting.

**Circle No. 124**

### **Vibrating Conveyor:**

A 230-page catalog on its line of vibrating conveyors has been published by The Jeffrey Manufacturing Company. The catalog covers feeders, conveyors, coolers, dryers, mixers, controls and magnetic separators, among other items of interest.

**Circle No. 125**

### **Woven Wire Products:**

The Cambridge Wire Cloth Company tells about four of its products in a 4-page bulletin. Application photos describe a few of the uses of its woven wire conveyor belts, industrial wire cloth, special metal fabrications and woven wire slings.

**Circle No. 126**

### **Portable Conveyor:**

May-Fran Little Hustler in both portable, Series A, and semi-stationary, Series S, models are described and illustrated in a catalog sheet offered by May-Fran Engineering, Inc. Sizes and specifications of both models are included.

**Circle No. 127**

### **Light Conveyor Belts:**

A catalog on its new line of light conveyor belts for food handling or light industrial use has been published by The B. F. Goodrich Company, Industrial Products Division. The catalog features the Koroseal conveyor belts, in tan or white colors, where temperatures range from 50 to 150 degrees Fahrenheit.

**Circle No. 128**

### **Versatile:**

How conveyors solve case-handling problems for greater profit is explained in literature offered by The E. W. Buschman Company.

**Circle No. 129**

# Cranes— Overhead & Portable; Hoists

### **For Coil Stock:**

Illustrated bulletin from Cullen-Friesoldt Co. tells how you can save time and labor handling coil stock with the C-F Lifter.

**Circle No. 130**

### **Worm Drive Hoist:**

Full details on worm hoists in a wide selection of speeds, capacities and controls are offered by ElectroLift, Inc.

**Circle No. 131**

### **Specification Catalog:**

Catalog published by Ruger Equipment Co. shows the firm's complete line of floor cranes, together with full specifications.

**Circle No. 132**

### **Custom Designed Cranes:**

A modest crane investment can return important profits, says literature from Conco Engineering Works. The company offers custom designed cranes to meet your needs.

**Circle No. 133**

### **Production Costs Reduced:**

All-State Engineering Co., Inc., will provide, upon request, complete information on jib cranes and gantry cranes, designed to reduce production costs.

**Circle No. 134**

### **Warranted Cranes:**

Coles Cranes, Inc. offers details on how you can save more than \$10,000 with its warranted cranes.

**Circle No. 135**

### **Overhead Hoists:**

American Engineering Company offers literature on Customized and Standard Lo-Hed overhead hoists, designed for easier, cheaper handling.

**Circle No. 136**

### **High Quality Cranes:**

The Euclid Crane & Hoist Co. has data available on high quality cranes built to suit your needs.

**Circle No. 137**

### **Hydraulic Cushion:**

Boom backlash caused by sudden loss of the load can be hydraulically cushioned by Boomsnub, says the manufacturer, Boomsnub Company, in a four page release. Advantages of the unit, which may be used on all types of cranes, are pointed out, together with technical data.

**Circle No. 138**

### **Variety of Hoists:**

Manning, Maxwell & Moore, Inc. has prepared a condensed catalog covering standardized hoists. Small and large hoists are covered in the booklet which lists specifications and outstanding features of many models.

**Circle No. 139**

### **Details on New Hoist:**

A six-page folder released by R. G. LeTourneau, Inc., fully illustrates and describes a new line of electric hoists. Capacities of from four to 15 tons are included. A large, cutaway, multi-colored drawing, shows engineering details. Application pictures and further descriptions cover the line.

**Circle No. 140**

# Cranes, Hoists

Continued

## Busway Electrification:

Feedrail Corporation has issued a 40-page bulletin (No. 45) which catalogs its "60" ampere steel enclosed trolley busway electrification system. Included are the new 20-ampere trolleys, an enlarged line of standardized curved track sections and other new items. Also, there are special sections on installation planning and procedure, methods of mounting, and typical applications in addition to the sections devoted to the equipment itself.

Circle No. 141

## Box Car Unloader:

A crane with a unique boom action which will reach into all areas of a box car, pick up and retract the load, is detailed in a drawing available from Silent Hoist & Crane Co.

Circle No. 142

## Push-Type Cranes:

Bulletin prepared by Industrial Crane & Hoist Corp. gives specifications and application data on push-type cranes for light and heavy duty.

Circle No. 143

## Compact Crane Controls:

A complete description of the General Electric Company's redesigned and expanded line of a-c crane controls which have less than half as much enclosure depth and improved maintenance and installation features is contained in Bulletin GEA-6112. Special emphasis is given to the application, installation and selection; illustrations include speed-load charts, circuit diagrams and installation photos.

Circle No. 144

## Traveling Cranes:

In a departure from the usual type of catalog material, Harnischfeger Corporation has released an interesting bulletin on its Trav-Lift cranes. Numerous installation photographs are contained in the bulletin.

Circle No. 145

## Battery Operated Magnet:

A colorful release from The Ohio Electric Mfg. Co. describes its Shop-Lifter unit. A battery operated magnet designed for lifting high-density loads in machine shops, factories, mills and warehouses, the magnet is said to eliminate the need for slings, ropes, pallets, cradles and grapples.

Circle No. 146

## Small Electric Hoists:

Electric hoists with capacities from 250- to 2000-pounds are discussed in a booklet available from Shepard Niles Crane & Hoist Corp.

Circle No. 147

## About Cranes:

Descriptive bulletins combining data and specifications of the Wayne full ½-yard crane-excavator have been released by Wayne Shovel and Crane Division of American Steel Dredge Co. Inc. High-lighted is the Model 70 crawler-mounted machine.

Circle No. 148

## Handling By Hoist:

A fact folder gives precise descriptions, illustrations and references to further information covering six different types of hoists in capacities from 170 pounds to 60 tons. It is provided by The Harrington Company.

Circle No. 149

## Vacuum Lifting:

Brochure from International Staple and Machine Co. describes unit designed to lift anything faster, safer and cheaper by vacuum. Called Vac-U-Lift, the manufacturer is Blakeslee Mfg. Co.

Circle No. 150

## Heavy Duty Cranes:

A catalog just off the press by American Hoist and Derrick Company describes American 25-ton truck and cruiser cranes. Concise, factual descriptions give a complete picture of the mobile heavy duty machines.

Circle No. 151

## Crane Has Built-In Lift:

The crane with the built-in lift is described in a colorful brochure prepared by Uhrden, Inc. Called Tubar-crane, the unit features a built-in extension boom and four-point suspension.

Circle No. 152

## Crane Applications:

Catalog from Detroit Hoist and Machine Co. illustrates and describes traveling cranes and hoists. Many in-use photos are shown and applications suggested.

Circle No. 153

## Hoist Specs:

A colorful bulletin from Coffing Hoist Company includes pictures, cut-away drawings, descriptions and specifications of 62 sizes and models of spur gear hoists.

Circle No. 154

## Hoist Data:

Bulletin 890 available from Robbins & Myers Inc. gives up-to-date data on hoists.

Circle No. 155

## Chain Hoist:

Wright Hoist Division, American Chain & Cable Co. has published bulletin DH-504 containing complete information on its electric roller chain hoist.

Circle No. 156

## Conductor Locations:

An informative booklet on electrical conductor material featuring design data for the location of current conductors may be obtained from Philadelphia Tramrail Company.

Circle No. 157

## Air Hoists:

New gearing in Keller air hoists gives a wider range of usefulness, claims Keller Tool Company. Write for full information.

Circle No. 158

## Gantry Crane:

Bulletin C-1 offered by American MonoRail Co. illustrates hundreds of successful MonoRail installations.

Circle No. 159

## Grabs:

Details on automatic, motorized and manual grabs are offered by Mansaver Industries, Inc.

Circle No. 160

## Overhead Handling:

How Trambeam overhead handling equipment can provide efficient, precision handling in machining areas of the plant, is explained in a four page folder by Whiting Corporation.

Circle No. 161

## Better Crane Operation:

The Power Crane and Shovel Association has published a manual which lists 125 ways to better power shovel-crane operation. It will be sent for 15 cents.

Circle No. 162

## Air Hoist Specifications:

The Aro Equipment Corporation has published a ten page brochure which lists specifications of various air hoists it manufactures. Much descriptive data is included.

Circle No. 163

### Air, Electric Bulk Hoists:

The Ingersoll-Rand Company, in an attractive 44-page catalog, describes air and electric hoists for handling bulk materials. Heavy duty industrial and mining applications are illustrated along with remote control units, throttle and brake equipment for single, double and triple-drum hoists. Also included is information on material weight and rope pull data, rolling friction allowances.

Circle No. 164

### Chain Hoist:

A 12 page illustrated catalog has been released by the Chisholm-Moore Hoist Division, Columbus McKinnon Chain Corporation. Featured is the CM Lodestar, an electric chain hoist designed to serve its normal life without costly maintenance or interruptions in work schedules.

Circle No. 165

### Jib Cranes:

Abell-Howe Company says it has a standard model jib crane for most every special application. Eight of the more popular types are pictured in a catalog recently released, and the usual application of each is described.

Circle No. 166

### No More Tangled Cords:

The continuous swiveling Appleton Reelite, product of Appleton Electric Company, is said to increase cord life, reduce accidents and put the light where you want it. Too, it eliminates the tangled cord problem.

Circle No. 167

### Grab Bucket Crane:

A 24 page bulletin is available from Harnischfeger Corporation which describes the P&H grab bucket crane. Contained in the literature are suggestions on selecting the proper type crane for a specific service.

Circle No. 168

### Top Running Cranes:

More than a quarter-century of experience with top running cranes is summed-up in a 20-page catalog published by Chicago Tramrail Corporation. Many in-use photos and specifications are included in the literature.

Circle No. 169

### Enclosed Conductor Systems:

A 28-page illustrated catalog published by Insul-B-Corp. fully describes the company's enclosed conductor system for the safety electrification of cranes and monorails.

Circle No. 170

## Dock Equipment

### Stop Dock Damage:

You can prevent damage to trucks, loading docks and buildings by installing rubber dock bumpers, says literature from Bumpers, Inc. Said to be easily installed on wood, steel or concrete, the bumpers need no maintenance, repairs or upkeep of any kind.

Circle No. 171

### Aluminum Dockboards:

Washington Aluminum Company, Inc., presents a catalog sheet describes extruded Waco-Span aluminum dockboards fabricated in ten sizes and four types. Besides being safe, light, strong and easy to handle, Waco-Span dockboards eliminate the static spark hazard in handling explosive materials.

Circle No. 172

### Adjustable Dock Ramp:

Newly detailed and illustrated information concerning the Model No. 4 M.F. hydraulic adjustable Adjust-A-Dock, is available from Rowe Methods, Inc. This 20,000 pound capacity unit provides a quick and adjustable ramp to connect a loading platform with the bed of a highway truck.

Circle No. 173

### Portable Loading Dock:

A bulletin describing the new Raymond Portable Loading Dock is available from The Raymond Corporation. The unit permits loading or unloading of motor trucks from ground level.

Circle No. 174

### Dock Covers:

A colorful brochure from Capco Company gives information on dock covers designed to protect loading operations in any weather.

Circle No. 175

### Adjustable Dockboards:

Karl A. Herman Company offers data on how you can stop profit leaks and cut handling costs with a Herco adjustable dockboard.

Circle No. 176

### How Dockboards Save:

Bulletin DB-204 published by Magline Inc. tells how you can save valuable man hours and cut loading costs with Magliner magnesium dockboards.

Circle No. 556

### Dock Shelter:

Free guide to important facts about loading dock shelters that give production line economies with custom engineering is available from Atlas, Industries, Inc.

Circle No. 177

### Hydraulic Lifts and Ramps:

Complete information on Materialifts, Vari-Ramps and Cross-Over Bridges is available from The Joyce-Cridland Co., specialists in hydraulic equipment.

Circle No. 178

### Floating Docks:

A self-contained floating dock that provides for up and down counter-balance movement to meet varying truck heights is described in data available from Wm. Christensen Co., Inc.

Circle No. 179

### Loading Dock Shelters:

If your dock is uncovered, you'll be interested in the Dazzo Products, Inc. catalog on dock shelters. The covers give complete protection from loading to unloading point, and may be adapted to suit truck or railroad. Literature gives details.

Circle No. 180

### Effortless Lifting:

Bulletin published by Field Engineering Products Co. tells how the Load-O-Matic automatically and effortlessly lifts loads up to 20,000 pounds from loading dock to floor of truck, whether truck is above or below dock.

Circle No. 181

### In a Hurry?

For complete, fast information on any item, or items, circle the corresponding number on the Reader Service Card, facing pages 16 and 17, and mail it right away.

## Dock Equipment

Continued

### All-Steel Ramps:

A new catalog-size broadside illustrating its full line of all-steel ramps, pallet stackers, conversion kits and torque hooks is offered by Elizabeth Iron Works, Inc. A formula for determining the span of gap and height differential between car floor and platform is included.

Circle No. 182

### Magnesium Dockboard:

Magnesium Products of Milwaukee offers literature describing its magnesium dockboard which is said to meet the specific need for a dockboard in the light-duty range that can be used safely in a variety of locations. Outstanding features include integral formed side rails and full-length position locks.

Circle No. 183

### Efficient Dock Operation:

An eight page bulletin from Rite-Hite Division of Loomis Machine Company tells how its adjustable loading ramps give you an efficient dock operation.

Circle No. 184

### Many Different Styles:

Seven types of dock boards and ramps are depicted in literature by Magline Inc., so you can choose the style that best suits your needs.

Circle No. 185

### Truck Leveler:

Complete data on the Rotary Truck Leveler is contained in catalog published by Rotary Lift Co.

Circle No. 186

### Industrial Lifts:

Free booklet on material handling available from The Wayne Pump Co. tells how you can save time and money.

Circle No. 187

## Elevators & Lifts

### Quickly Pays for Itself:

Details on a power operated Frate-Gate that quickly pays for itself are contained in literature offered by St. Paul Hydraulic Hoist Company.

Circle No. 188

### Loads Bins, Batchers, Mixers:

Catalog from Colson Equipment & Supply Co. tells about the Cesco Skip-Hoist Dumper that lifts, upends and dumps 100 loads per hour. The unit handles bags, bulk, barrels and boxes mechanically.

Circle No. 189

### Positions Work:

Folder L-131 available from American Machine & Foundry Company shows how Lowerators help solve work-positioning problems.

Circle No. 190

### Portable Elevators:

Lee Engineering Company's line of portable elevators is described and illustrated in Catalog 554. The manufacturer further points out that the units are warranted against defective materials and workmanship.

Circle No. 191

### Industrial Elevators:

A 2-color, 8-page bulletin has been released by Humphrey Elevator Company covering the company's complete line of Manlift elevators. The elevators provide simultaneous up and down employee transportation with no waiting or delay.

Circle No. 192

### Hydraulic Lifts:

Globe Hoist Company presents a 48-page book with 21 case histories describing the advantages and applications of Globe Oilifts in as many industries. Each installation illustrates the solution to a specific handling problem.

Circle No. 543

### Handy Portable Elevators:

A catalog from Economy Engineering Company features the new Economy Worklifters, portable, battery-operated, hydraulic lifters, available in a variety of special purpose designs, with 1000 pounds capacity and lifts to as high as 80 inches.

Circle No. 193

### How Tailgates Save:

The Heiloader elevating tailgate in action is detailed in a two-color bulletin published by The Heil Company. The release contains cost-saving advantages of hydraulic tailgates.

Circle No. 194

### Manual or Battery Powered Stacker:

Allied Manufacturing & Sales Company is featuring its stackers in a brochure. Both manual and battery powered units are described.

Circle No. 195

### Portable Elevators—Past and Present:

Revolver Company has prepared an interesting and colorful booklet on the history of Revolver equipment. The manufacturer's progress during the past 50 years is detailed.

Circle No. 196

### Freight Elevators:

Booklet B-705 published by Otis Elevator Company describes in detail heavy duty freight elevators built to take the extra stresses.

Circle No. 197

### Lift Gates:

Complete information on lift gates to handle loads from 800 to 4000 pounds is offered by Anthony Company.

Circle No. 198

### Modern Lifting:

A brochure which tells about lifting the modern way is available from Globe Hoist Company. The firm manufactures oil-hydraulic and electric material handling lifts.

Circle No. 199

### Lifting Problem?

Forty pages of pictures and useful information on its complete line of equipment has been produced by Economy Engineering Company. The catalog tells how you can solve your lifting problem.

Circle No. 544

### Elevating Table:

Bulletin 957 from Lange-Lift Company is a spec sheet on the company's portable hydraulic elevating table. Says the company, "Never before an elevating table with all these features."

Circle No. 200

### Engineering Details:

Complete engineering details and other information concerning the use and installation of its hydraulic adjustable ramps for loading docks are featured in a booklet by Rowe Methods, Inc.

Circle No. 545

## Engineering Aids

### Engineering Data on Controls:

General Bulletin 19-F made available by W. C. Dillon & Co. illustrates and provides specifications on each model of the firm's line of instruments and accessories for production and material control. Sufficient details have been included to allow engineering and production personnel to specify from this information.

Circle No. 201

### Low Temperature Packaging Problem?

The Quartermaster Food and Container Institute for the Armed Forces conducted a symposium on packaging problems in low temperatures and has published a booklet on the subject entitled, "Low Temperature Test Methods and Standards for Containers".

Circle No. 202

### Inexpensive Plant Layout:

A brochure titled, "The ABC of the Repro-Templet Method of Plant Layout", provides sample materials, at no charge, to show how the system works. Materials include adhesive-backed, scale-size, opaque templates and a  $\frac{1}{4}$ -inch scale grid sheet. Reproductions can be made directly by any standard printing method.

Circle No. 546

### Two-Dimensional Templets:

Release published by Repro-Templets Inc. tells about the firm's complete plant layout service in two-dimensional templets. The system is said to be the simplest, cheapest and most accurate method of plant layout available.

Circle No. 203

### Plant Layout:

Modern methods for plant layout are described in a 32-page catalog issued by F. Ward Harman Associates. An analysis of plant layout techniques, and two and three dimensional equipment is listed and described.

Circle No. 204

## Floor Maintenance Equipment

### Preserves Floors:

Elimination of concrete "dusting" and sealing of concrete surfaces against the damaging effects of food acids, grease, oil and abrasive wear is effectively accomplished by a treatment of Stonhard Stontop, according to a pocket-size folder published by Stonhard Company. The material penetrates tiny pores present in untreated concrete, hardens the surface and retards the breakdown of sand and cement particles.

Circle No. 205

### On Cutting Sweeping Costs:

A colorful brochure has been prepared by Wilshire Power Sweeper Company covering various types of industrial sweepers. Use of the units is said to cut sweeping costs by as much as 80 percent.

Circle No. 206

### Fast Line Marking:

The fast, accurate, economical way to mark lines is described by M-B Corporation in a colorful folder. The literature contains specifications and facts on heavy-duty and light-duty line markers.

Circle No. 207

### Industrial Sweeping:

Literature available from Parker Sweeper Company gives complete details on a sweeper which is said to represent a new approach to motorized industrial sweeping.

Circle No. 208

### Cleaner Floors:

Floor machines, vacuums and heavy-duty blowers are described in a brochure published by the Premier Company. Titled "Two Minutes to Solve a Year-Round Problem", the release gives complete information on the company's heavy-duty, all-purpose and portable floor machines.

Circle No. 209

### Better Floor Care:

Multi-Clean Products, Inc. tells what you need for better floor care in an 8-page, 2-color broadside. The complete Multi-Clean line is covered.

Circle No. 210

### Sweeper Pays Off:

If you spend \$200 a week for plant housekeeping labor, the Wayne power sweeper will pay for itself every 6 weeks you use it—if you spend \$50 per week, it will pay for itself every 6 months—as explained in literature from Wayne Mfg. Co.

Circle No. 211

### Floor Maintenance:

A 4-page, 3-color folder, 3609-X, issued by Flexrock Company, tells how "Bakflex" preserves floor surfaces and arrests dusting of concrete before it progresses to the repair stage.

Circle No. 212

### Marks Floors:

Important bonus benefits are pointed out by H. C. Sweet Company in a single page release on the Florline upright marking machine.

Circle No. 213

## Floor Maintenance Equipment

Continued

### Industrial Sweeper:

Many sizes of gas and electric industrial sweepers are detailed in a brochure published by G. H. Tennant Co.

Circle No. 214

### Floors Need Patching?

Specifications and application data covering a ready-to-use plastic floor patch and resurfacer are contained in a release prepared by The Monroe Company, Inc.

Circle No. 215

## Pallets, Skids; Shop & Tote Boxes

### Plastic Containers:

Vacuum formed plastic containers designed for better and proper handling of parts through production, are interestingly described in folder form by Kemtek Corporation. Costs are said to have steadily been reduced by many manufacturers since the adaption of this method of material handling.

Circle No. 216

### Fibre Boxes and Trucks:

Federal Fibre Corporation has published a folder on fibre constructed material handling equipment, including barrels, baskets, hampers, boxes and trucks.

Circle No. 217

### Expendable Pallets:

The "Stowaway" pallet manufactured by Continental Can Company, Inc. is detailed in a brochure recently published by the company. Advantages and specifications are listed.

Circle No. 218

### Lightweight Tote Box:

For small parts handling and storage Molded Fiberglass Tray Company recommends its fiberglass tote box, said to be lightweight, rust-proof and chemically resistant. A bulletin is available featuring the units.

Circle No. 219

### Pallet Roller:

Bulletin 104K available from Frank L. Robinson Company tells how the Ace Swivel King pallet roller speeds up material and product movement and removes congestion when fork trucks are not available.

Circle No. 220

### Flexible Bulk Handling:

Illustrated literature from Tote System, Inc., describes an economical, flexible and expandable system of handling bulk.

Circle No. 221

### Expendable Pallets and Crates:

Bigelow-Garvey Lumber Company offers complete information on expendable pallets and pallet crates made to your requirements.

Circle No. 222

### Self-Stacking Tote Boxes:

Data from Convoy, Inc. describes low cost, strong and lightweight tote boxes. The boxes are made of chemically impregnated corrugated board and are self-stacking.

Circle No. 223

### Guaranteed Pallets:

Brochure from Arkansas Pallet Co. describes two guarantees that are yours when you purchase Razorback brand pallets.

Circle No. 224

### Steel-Bound Skids:

Lanham Skid Co. Division of Thomas Truck & Caster Co. offers information on steel-bound skid platforms that will handle loads up to 10 tons.

Circle No. 225

### Parts Containers:

Brochure offered by Mid-West Wire Products Co., Inc., tells why Carriers are not ordinary wire baskets and how they pay for themselves every 30 days.

Circle No. 226

### Duty-Designed Containers:

A new 24-page brochure illustrating the handling advantages and technical details of the company's welded steel wire mesh containers is now available from the Pittsburgh Steel Products Division of the Pittsburgh Steel Company. Also included in the booklet is information on welded wire pallets and industrial bulkheads, with a number of industrial case history examples of cost reduction.

Circle No. 227

### Solve Handling Problems:

Storage and handling problems can be easily solved with its tote boxes, trays and pallets, says literature from Cesco Container Co.

Circle No. 228

### Dumping Hopper:

Roura Iron Works, Inc. has information on how hand unloading costs can be cut 50 percent or more with its self-dumping hopper.

Circle No. 229

### Reduces Costs:

A 24 page booklet off the press by Pittsburgh Steel Products Company tells how to reduce material handling costs. The answer lies in duty-designed Cargo-containers, says the manufacturer.

Circle No. 230

### Fibre Receptacles:

Trucks, trays and storage boxes, all made of hard vulcanized fibre, are pictured and described in a colorful pamphlet available from the Fibre Specialty Division, National Vulcanized Fibre Co.

Circle No. 231

### Methods Improvement Studies:

The first in a series of methods improvement studies analyzing actual installations to show how NesTier small parts handling equipment cut costs and increased production has been published by Chas. Wm. Doepke Manufacturing Company, Inc. A 20 percent savings in parts handling was realized by one company by conversion to the NesTier system.

Circle No. 232

### Diversified Line:

Fibre Specialty Division, National Vulcanized Fibre Company, announces publication of Materials Handling Equipment Catalog No. 54. It describes and illustrates more than 40 types of trucks, special trucks, tote boxes, dolly trucks, all types of trays, receptacles, barrels and cans—most all made of the company's brand of hard vulcanized fibre.

Circle No. 233

### **Rehandling Eliminated:**

The Chas. Wm. Doeple Mfg. Co., Inc. has available a two-color bulletin which illustrates and describes its new NesTier Rollover Hopper. The unit makes it possible to take small parts to assembly or production areas in their original shipping boxes or kegs, where the parts are made available to workers in convenient hopper form without rehandling into another container.

**Circle No. 549**

### **Semi-Live Skids:**

Five applications and ten types of Towsley semi-live skids are illustrated and described in a 4-page bulletin now offered by Towsley Trucks, Inc. Specifications and prices of each model are included.

**Circle No. 232**

### **Efficient Parts Handling:**

Wire & Iron Products Inc. offers a new bulletin on its line of Eezy-Stak parts-handling baskets, which are said to promote greater efficiency in parts handling and storage, helping to keep rejects at a minimum. The bulletin, No. B-54, describes the firm's complete line of standard and custom-engineered baskets.

**Circle No. 233**

### **Parts Boxes:**

Bulletin 550 published by Brummeler Steel Products Corporation pictures and describes parts boxes designed to move and stack materials efficiently. Said to save labor and space, the units come in a variety of shapes and sizes.

**Circle No. 234**

### **Tote Pans:**

A new, lightweight, leakproof, drawn tote pan designed to fit the needs of production shops of all types, is described by Bathey Manufacturing Company in a colorful release.

**Circle No. 235**

### **Nests and Stacks:**

As one-piece molded tote pan that nests and stacks without mechanical gadgets is featured by G. B. Lewis Company in a colorful bulletin. The pans won't wedge—dry or oily—says the manufacturer.

**Circle No. 236**

### **Built To Requirements:**

Republic Steel Corporation would like to send you its 18-page catalog which gives details on material handling equipment built to the requirements of the job. Steel boxes, skids, containers and pallets are detailed in the release.

**Circle No. 237**

### **Hopper Box System Reduces Handling Area:**

The Powel Pressed Steel Company presents a colorful 6-page broadside introducing a new system for handling small parts in high production operations. Cold-formed all-steel hoppers, bottom dumpers and roll overs are shown in a single-station production system designed to reduce handling areas for any job requirement.

**Circle No. 238**

## **Power & Transmission Equipment**

### **Modern Diesel Design:**

A 20-page bulletin available from Ingersoll-Rand gives details on modern diesel design incorporated in the models S and SS heavy-duty engines.

**Circle No. 244**

### **Vulcanized Fibre Equipment:**

An informative folder on hard vulcanized fibre material handling equipment is offered by William Bal Corporation. Entitled "Craftsmanship", the brochure describes representative types of equipment used in various operations.

**Circle No. 239**

### **Easier Handling:**

Phillips Corporation has compiled a comprehensive brochure describing its newest equipment, which is said to make material handling in the coal, steel and metalworking industries faster, cheaper and safer. The equipment ranges from heavy-duty trailers to collapsible storage containers.

**Circle No. 240**

### **Modern and Convenient:**

The Stacknester is described in pamphlet form by Jered Industries, Inc. as the modern, convenient method of transporting from wrapper to customer with a single handling. The tote boxes are said to be waterproof, greaseproof and stainproof.

**Circle No. 241**

### **Extra Life:**

A colorful brochure from Pallet Sales Corporation says that its metal cap pallet slashes overall operating expense, eliminates costly maintenance and frequent replacement. The metal cap over the pallet end holds the pallet together, eliminating strain concentration on a single point.

**Circle No. 242**

### **Fiberglass Containers:**

A brochure from Fiberglass Box Company tells of a new way of solving material handling problems through the use of fabricated fiberglass containers. The units are custom made to specifications.

**Circle No. 243**

### **Automatic Overload Cut Out:**

Complete information on Anchor-Waldron automatic overload cut out is contained in catalog offered by John Waldron Corp.

**Circle No. 245**

### **Industrial Engines:**

Chrysler Corporation's Industrial Engine Division offers literature on custom-built engines at mass-production prices, designed to cut costs for you.

**Circle No. 246**

### **Engine News:**

Available from the Le Roi Division of Westinghouse Air Brake Company is a colorful bulletin which describes and illustrates the 115 to 410 hp engines manufactured by the firm. Cutaway views and photographs show advanced features of the engines.

**Circle No. 247**

### **In a Hurry?**

For complete, fast information on any item, or items, circle the corresponding number on the Reader Service Card, facing pages 16 and 17, and mail it right away.

## Power and Transmission Equipment

Continued

### Engineered Belting:

Transmission belting, conveyor and elevator belting are described in a colorful four-page release by The Russell Manufacturing Company. Specifications and pertinent data are given.

Circle No. 247

### Gasoline or Diesel?

Data from Hercules Motors Corporation contains interesting information on the use of gasoline and diesel engines.

Circle No. 248

### Motor Buying Information:

Buying information on a-c motors is covered in a 28-page catalog prepared by General Electric Co.

Circle No. 249

### Special Motor Designs:

Star-Kimble Motor Division, Michie Printing Press and Mfg. Co., has available bulletins on special motor designs.

Circle No. 250

### Adjustable-Speed Drives

An attractive 16-page bulletin illustrating Eaton Adjusto-Spede drives, five types of dynamometers, and air- and liquid-cooled couplings and brakes is available from the Eaton Manufacturing Company. Typical applications, technical data and basic characteristics also are included.

Circle No. 251

### Power Transmission Catalogs:

The American Pulley Company has issued four catalogs covering its line of V-belt drives, speed-reduction drives, flat-belt drives and steel conveyor pulleys. Each is fully illustrated and contains selection and dimensional information as well as engineering data.

Circle No. 252

### Liquid Drives:

Bulletin 7020A from Liquid Drive Corporation describes the Nelson "Power Mate" liquid drives. Among the advantages of these water or oil operated units claimed by the manufacturer are the ability of the drive to vary the speed of the driven equipment and, in another light, the ability of the drive to limit the torque transmitted to the driven equipment.

Circle No. 253

### Eliminates Costly Rewiring:

How you can install a flexible system of supplying electric power to business machines is told by Feedrail Corporation in bulletin form. Explained is how the installation of Feedrail Systems will eliminate costly rewiring when relocating machines.

Circle No. 254

### "Tools of Automation":

Reliance Electric and Engineering Company has prepared a 12-page booklet covering its electric motor drives, said to provide the "know-how" for automation of single machines or continuous processes. The literature is entitled "The Tools of Automation".

Circle No. 255

### Motorized Head Pulley:

A conveyor drive which is said to be a new departure from the conventional type drive, is described by Yuba Manufacturing Company.

Circle No. 256

### More About Pulleys:

Reeves Pulley Company has released a new multi-color catalog which describes completely the new design of its fractional horsepower Vari-Speed Motor-drive.

Circle No. 257

### Right Angle Gear Unit:

High load capacity, long service life, and neat appearance in a small, compact design are described by Airborne Accessories Corporation as features of its standardized right angle coniflex bevel gear units.

Circle No. 258

### V-Belt Slidefilms:

The second group in a series of educational 35mm sound slide-films for industry is available through Allis-Chalmers General Machinery Division. Engineering principles, installation, maintenance and check characteristics are depicted.

Circle No. 259

### Engine-Generator Sets:

A bulletin on Le Roi custom built engine-generator sets is available from Westinghouse Air Brake Company. The eight-page promotional piece describes and illustrates seven engine models from 60 to 675 hp with generators capable of producing from 50 to 350 kw.

Circle No. 260

### Installing Fluid Couplings?

Complete installation and performance data on fluid couplings is contained in a booklet available from Twin Disc Clutch Company. Diagrams and drawings point out the ease with which the couplings may be applied on any type industrial equipment.

Circle No. 261

### Transmission Costs Cut:

Details of how power transmission costs may be cut by using standard Cone-Drive reducers, gearsets and components are available in a bulletin titled "Standardized 7 Ways to Cut Your Power Transmission Costs", published by Cone-Drive Gears Division of Michigan Tool Company.

Circle No. 262

### Speeds Construction Work:

How the first and largest manufacturer of power saws uses Wisconsin engines to speed concrete construction and repair work is told in Enginews, publication of Wisconsin Motor Corp.

Circle No. 263

### Torque Converters:

An eight-page, four-color catalog describing Clark Equipment Company's line of Torcon torque converters is extensively illustrated, depicts models and attachments for specific adaptations.

Circle No. 264

### New D-C Motor:

Illustrated in a 12-page bulletin available from Reliance Electric & Engineering Co. is the Super T line of d-c motors with Dynamic Response. Details are given on the principle of dynamic response, said to be the first completely new design d-c motor in 40 years.

Circle No. 265

# PLEASE NOTICE

Please send me additional information and literature on items circled below.

## FLOW

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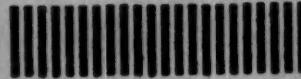
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CLEVELAND, OHIO



### **Electrical Review:**

A 38-page catalog published by Allis-Chalmers Manufacturing Company gives a progress report on what's new in the electrical field.

**Circle No. 552**

### **Transmission Facts:**

A newly revised 8-page catalog describing the complete line of Morse mechanical power transmission products is available from Morse Chain Company. Included in the catalog is new information on taper-lock sprockets, cam clutches and torque limiting clutches.

**Circle No. 265**

### **Multi-V Drives Handbook:**

A 76-page, illustrated multi-V belt engineering handbook, featuring a convenient guide to the design of standard and high capacity drives, has been published by The B. F. Goodrich Company, Industrial Products Division. New horsepower rating tables closely approximate actual operating conditions and reflect the increased ability of modern belts.

**Circle No. 266**

# Racks, Bins and Shelving

### **Steel Framing Material:**

Free catalog and samples of Mult-A-Frame fully-locking steel framing material is available from Ainsworth Manufacturing Corporation. The material is said to give skyscraper strength without bulk.

**Circle No. 267**

### **Bar Racks:**

Portable heavy duty bar racks are described in brochure form by Palmer-Shile Co.

**Circle No. 268**

### **Steel Shelving:**

A 54-page catalog published by Deluxe Metal Furniture Co. illustrates and describes steel shelving and factory furniture.

**Circle No. 269**

### **Stacking Racks:**

Almost every plant can use Universal Work Carriers profitably, says Mechanical Handling Systems Inc. Brochure on the stacking racks tells how they save time and money.

**Circle No. 270**

### **Adjustable Racks:**

You need fewer racks when you use the adjustable pallet rack with the boltless shelf, according to information from Rack Engineering Company. Literature points out that the racks cost no more than ordinary racks and use 30 percent less floor space.

**Circle No. 277**

### **Food Handling Savings:**

How to reduce labor costs, improve sanitation and save space with Cres-Cor food handling equipment is outlined in a catalog offered by Crescent Metal Products, Inc. Complete with specifications, the catalog illustrates aluminum Cres-Cor flexible shelving which is light, durable and rust-free.

**Circle No. 271**

### **More Orders Filled:**

North American Equipment Corporation presents a case history on how one company fills more orders in fewer man-hours through use of its Quik-Pik rear-fed gravity shelving.

**Circle No. 278**

### **Shelf Drawers:**

Bay Products Inc. gives details on the Bay adjustable compartment drawer in a recently published catalog.

**Circle No. 272**

### **Tubular Steel Stacking Pallets:**

The C. E. Robinson Company presents a new 12-page catalog illustrating the Cerco tubular steel stacking pallets in standard sizes and designs. Specifications include pallet racks of standard box and coil type, as well as special types for stacking motors, rims, transmissions and axles.

**Circle No. 279**

### **Adjustable Storage Racks:**

Complete tiering range in single, double or multiple sections is possible with Palmer-Shile adjustable storage racks. Specifications and cost calculation plan is offered.

**Circle No. 273**

### **Work-level Parts Flow:**

Illustrated literature on Work-O-Matic drop-bottom boxes and positioning stands shows how to keep parts flowing to machines at efficient work-level height. Producer is Union Metal Mfg. Co.

**Circle No. 274**

### **Complete Storage System:**

Diversified storage systems including pallets, boxes, racks, pallet racks and special pallet hardware are described in a 16-page booklet available from the Paltier Corporation. Many variations and applications of basic units are illustrated.

**Circle No. 280**

### **Racks to Stack Anything:**

An illustrated catalog from Equipment Mfg. Inc. tells how to save time, money and space with tubular steel racks that will stack just about anything in a plant or warehouse.

**Circle No. 275**

### **Mobile Storage System:**

In a release on its mobile storage system, Dolin Metal Products, Inc. tells how its mobilization technique can increase cabinet or shelving capacity of present areas from 30 to 70 percent.

**Circle No. 281**

### **Efficient Palletization:**

How to palletize goods with an unlimited assortment of shapes, so that every foot of warehouse space works twice as hard, is told in literature published by Butler Manufacturing Company.

**Circle No. 376**

### **Functional Racks:**

Outstanding design features are highlighted by Lok-Rak Corp. of America in a brochure which describes the racks as the most functional and economical you can use.

**Circle No. 282**

## Racks, Bins and Shelving

Continued

### Versatile Structural Member:

Facts about the Versabar, product of M-H Standard Company, are detailed in a four page release. This structural member may be used for construction, lighting, piping or racks.

Circle No. 283

### Steel Storage Equipment:

New items added to the firm's line of steel shelving, cabinets and bins are included in a 16-page catalog, H4, offered by Bernard Franklin Co., Inc. Included is detailed information on applications, constructions and specifications.

Circle No. 284

### Easily-Assembled Bulk Bins:

Sturdi-Bilt Bulk Bins with adjustable wooden shelving and steel posts which can be assembled easily without tools or hardware are described in a bulletin presented by Sturdi-Bilt Steel Products, Inc. Specifications and components are fully covered.

Circle No. 285

### Parts Storage Reference Guide:

Valuable information on parts storage and inventory control is contained in a handy reference guide which may be obtained from the Equipto Division of Aurora Equipment Company.

Circle No. 286

### Steel Stackers:

Vertical storage of steel is made easy by a rotating rack, as described in Bulletin R-120 from H. L. Bushman Co. Protection of material and conservation of space are two of the advantages pointed out.

Circle No. 287

### "Stack Up" for Profit:

"Stack up" with American tiering racks and cut your handling and warehousing cost is what American Metal Products Company, Storage Rack Division, suggests in its latest literature. The racks are designed to hold products in economical large unit loads, and the weight of the upper units is carried entirely by tubular corner posts.

Circle No. 288

### Storage Systems:

Storage systems job-engineered to increase your storage capacity up to 50 percent are pictured and described in a brochure published by Artco Corporation. The racks can handle cable reels, bar steel, dies, furniture, and a variety of other items.

Circle No. 289

### Warehouse Capacity Doubled:

A 16-page brochure has been released by The Frick-Gallagher Manufacturing Company titled "How to Double Your Warehouse Capacity". Purpose of the booklet is to show that while there can be no single fixed formula for greater warehouse economy, sizeable savings of space and time are nearly always possible.

Circle No. 290

### Adjustable Shelving:

Standard Pressed Steel Company has prepared a four-page colorful folder which points up in photographs, cartoons and text the outstanding features of its new Hallowell adjustable steel shelving. Photographs show a few of the more than 1000 possible combinations of the shelving.

Circle No. 291

### "Junior Beams":

A 20-page booklet describing the uses of Jones & Laughlin Steel Corporation's light structural, "Junior Beams", has been published. The booklet contains pictures showing how the light structural are adapted to floor and roof design in buildings, and to miscellaneous uses such as truck and trailer frames, ship building, and grandstand construction.

Circle No. 292

### Simplified Steel Shelving:

Boroughs Manufacturing Company announces a new development in simplified steel shelving, complete details of which are described in a colorful catalog. Each individual unit is complete within itself and can be moved independently. Said to be quickly and easily assembled.

Circle No. 293

### Steel Storage Files:

Information on a low-cost, space saving method of storing inactive records in Safe-T-Stak steel storage files, is contained in a publication available from Diebold, Incorporated.

Circle No. 294

### Story of Framing:

Unistrut Products Company has released a 16mm. color and sound movie titled "The Sky's The Limit" which tells the story of Unistrut metal framing. Present day applications are shown, and there's a look into the future picturing the framing being used to construct an entire city.

Circle No. 295

### How To Handle and Store:

A comprehensive 20 page booklet published by Stackbin Corporation explains the Stackbin System for handling and storage of parts and materials, how it works and how it saves. The complete line of equipment is illustrated and described in detail.

Circle No. 296

### Steel Fabricating Unit:

Acme Steel Company tells in a late release how to build your own equipment quickly, easily, economically. The secret is DexAngle, an all-purpose steel fabricating unit. The bulletin suggests many uses for DexAngle.

Circle No. 297

### Solves Carpet Problems:

"How You Can Cut Carpet Handling Costs" is the title of an informative booklet issued by Easiquip Company. The book contains many useful case histories of how carpet handling problems have been solved by carpet mills, warehouses, wholesale distributors and retailers.

Circle No. 298

### For Bulk Storage:

A 20 page general catalog has been published by Sturdi-Bilt Steel Products, Inc. Among products featured is the firm's new Bulk Bin which provides versatile storage space without bolts, nuts or tools.

Circle No. 299

### **Steel Pallet Racks:**

Republic Steel Corporation has available a brochure on its steel pallet racks. The racks are said to be suitable for stacking any bulky, uneven, odd lots, fragile or irregular materials.

**Circle No. 299**

### **Rack Benefits:**

A new idea in controlled motion is presented by The Rapids-Standard Co., Inc. in a colorful catalog. Called the Flow Rack System, the method of storage is described in detail, together with benefits resulting from its use.

**Circle No. 300**

### **Increased Storage Space:**

It is claimed no major investment is necessary to increase present storage space when you use the pallet-rack system of Brainard Steel Division, Sharon Steel Corporation. Brochure 8-002 gives details.

**Circle No. 301**

## **Scales**

### **Weight and Force Measurement:**

Load cells and load beams for electrical measurement of weight and force are presented in a 20-page bulletin by Baldwin-Lima-Hamilton Corp. Included in the bulletin are principles of measurement, specifications of load sensitive devices, available instrumentation and typical applications.

**Circle No. 302**

### **Fills and Weighs Bags:**

Data sheet prepared by Richardson Scale Co. describes and illustrates the company's bagging scale which fills and weighs bags in capacities of 50 to 140 pounds.

**Circle No. 303**

### **Electric Weighing:**

Crane scales for electrically weighing by SR-4 load cells are presented by Baldwin-Lima-Hamilton Corporation in a 12-page illustrated bulletin.

**Circle No. 554**

### **Hydraulic Hook Scale:**

In Bulletin M-25, Martin-Decker Corp. provides details on feature, operational and application information on the SU-20 Sensator, described as a friction-free, hydraulic hook scale, which comes in capacities to 20,000 lbs.

**Circle No. 555**

### **Hook Scale:**

A hook scale which works without friction, is compact in design and lightweight enough for one man to handle, is described by Martin-Decker Corporation in a two-page release. Called the SU-20 Sensator, it is available in capacities up to 20,000 pounds.

**Circle No. 304**

### **Automatic Proportioning:**

A proportioning system that permits remote dialing of individual ingredient weights is pictured and described in a 28 page catalog offered by Richardson Scale Company.

**Circle No. 305**

### **Lift Truck Scales:**

Martin-Decker Corporation says in a colorful release that it can supply nine models of lift truck scales, to fit any capacity truck from 2000- to 20,000-pounds. The scale is said to be accurate, rugged and reasonably priced.

**Circle No. 306**

### **Electronic Weighing:**

An electronic scale that brings weighing information right to your desk from any spot that is too remote, too hot or too dangerous is described in data published by Fairbanks-Morse & Co.

**Circle No. 307**

## **Slings, Grabs**

### **Sling Chain Data:**

A "how to do it" handbook on sling chains is available from Columbus McKinnon Chain Corporation. Everything from how to order sling chains to their care, use and inspection is presented in the well-illustrated easy-to-read format.

**Circle No. 308**

### **Automatic Tongs:**

A four-page leaflet issued by Heppenstall Company features a dozen models of Heppenstall tongs, a motorized hook and a "C" hook pallet lifter.

**Circle 190 on Reader Service Card**

**Circle No. 309**

### **Equalizing Slings:**

Brochure 354 published by The Caldwell Company colorfully describes the company's model 52 Adjust-A-Leg equalizing and locking sling. As the tension of the lift comes on, the legs automatically adjust themselves and frictionally lock in position.

**Circle No. 310**

### **Vacuum Lift Speeds:**

If you would like to eliminate slings and hooks from your lifting or moving operations with added safety to the operator and the product, you'll be interested in Ingersoll-Rand Company's release on the Vac-Lift.

**Circle No. 311**

### **All-Purpose Slings:**

John A. Roebling's Sons Corp. offers information on how you can cut handling costs with its all-purpose slings.

**Circle No. 312**

### **Rope Selection Data:**

Booklet titled "The Right Rope for the Job" is offered by the American Steel & Wire Division of United States Steel Corp.

**Circle No. 313**

### **In a Hurry?**

For complete, fast information on any item, or items, circle the corresponding number on the Reader Service Card, facing pages 16 and 17, and mail it right away.

# Tractors, Trailers

## Tractor History:

A 104-page, hardbound book published by Caterpillar Tractor Company titled "50 Years on Tracks" commemorates the company's 50th Anniversary.

Circle No. 314

## Attachment Bulletin:

The Raymond Corp. is offering a bulletin on electric trucks for special applications. Pictured and described are attachments designed to operate with the standard Raymond electric tractor unit in narrow aisles and confined work areas.

Circle No. 315

## Trailer Problems?

Thomas Truck & Caster Company offers literature containing information on the company's trailers which, they say can solve practically any material handling problem. These trailers are "job-suited" to fit specific needs and to haul all kinds of loads in all types of industries.

Circle No. 316

## Industrial Tractors:

Barrett-Cravens Company bulletin 544 presents the Tractor Ox line of industrial tractors, which are available in four models to meet a wide range of requirements. The units are compactly built and highly maneuverable for use in narrow aisles and other confined areas, according to the manufacturer.

Circle No. 317

## Reasons For Tractors:

A folder entitled "25 Worth More Features" is offered by The Mercury Manufacturing Company. The folder tells how the firm's Banty tractor can improve your material handling operations.

Circle No. 318

## Tractor Attachment:

Sherman Products, Inc. is offering a booklet which describes its front end loader, designed for Fordson Major Diesel tractors. Many on-the-job illustrations and equipment uses are contained in the literature, together with special accessories, features and specifications.

Circle No. 319

## Industrial Trucks & Trailers:

Detailed information on heavy duty trucks and trailers is available from The Ohio Galvanizing & Mfg. Co.

Circle No. 320

## New Breed of Tractors:

"Facts . . . on a New Breed of Tractors" tells, pictorially, the story of the complete line of Allis-Chalmers Manufacturing Company. This 16-page, color brochure presents an editorial message, operational methods and specific feature advantages of the four crawlers in the company's line. Also, the book includes a review of crawler tractor progress the past 100 years.

Circle No. 321



## Instruction Pamphlet:

Instructions for the best use of Multiton roller skids are contained in a pamphlet available from Stokvis Ederer & Co., Inc. The skids are self-laying track dollies designed especially for the movement of machinery and other extra heavy loads.

Circle No. 321

## Powered Wheelbarrow:

Worthington Mower Company has prepared a descriptive and informative release on the Workhouse dump-tray power wheelbarrow. Complete specifications are listed.

Circle No. 322

## For Light Loads:

The Zephyr hand lift truck is pictured and described in a revised four-page bulletin published by The Yale and Towne Manufacturing Co. Light in weight, the truck was designed specifically for carrying loads up to 1000 pounds.

Circle No. 323

## Integrated Line:

Tilt and non-tilt types of floor trucks are featured by the Modern Caster Company. A new approach of high quality and low cost is claimed by the manufacturer.

Circle No. 324

## Hand Lift Truck Check Chart:

Market Forge Company offers a new check chart of 34 features to look for in selecting hand lift and pallet trucks. This selection guide describes and illustrates design and construction features essential to safety, performance and maintenance on a check sheet providing space for evaluation and comparison of hand-lift equipment.

Circle No. 325

## Greater Economies:

Towsley Trucks, Inc. says that the use of its task tailored trucks in your plant can mean greater ease in handling materials and result in greater economies for you. The trucks are pictured and described in brochure form.

Circle No. 326

## Easily Maneuvered Pallet Truck:

A pallet truck designed to perform with ease for both light as well as heavy loads is described by Paliton, Inc. in a colorful release.

Circle No. 327

## New Lift Truck Designs:

West Bend Equipment Corporation has published a catalog which features several new designs in hydraulic and mechanical lift trucks.

Circle No. 328

## Easy Tipping Truck:

You can break a load faster and easier with a Dico Company truck, says data from this manufacturer which gives details on two-wheel hand trucks.

Circle No. 329

## Fast Lifting:

One quick stroke and your load's ready to roll with its new mechanical lift trucks, says West Bend Equipment Corporation. Illustrated bulletin contains specifications and prices.

Circle No. 330

## Dragline Trucks:

Circular from Lewis-Shepard Products, Inc. describes the company's line of dragline floor trucks for both in-floor and overhead conveyor systems. Much pertinent data and descriptive details are included in the release.

Circle No. 331

### Floor Trucks:

Information on standard and special floor trucks, with metal, rubber or pneumatic wheels, may be obtained from Orangeville Mfg. Co.

Circle No. 331

### Protects Shipments:

Information is available from Allegheny Steel Band Company on how Steelband strapping can protect your shipments.

Circle No. 332

### Lever-Dollies:

Complete descriptive circular from Micron, Inc. tells how to move more for less.

Circle No. 333

### Tote Box Truck:

Folder F available from Rolock Inc. describes an economical and effortless method of handling tote boxes.

Circle No. 334

### Self-Loading Truck:

A drum truck that is self-loading and unloading is depicted in literature available from Bond Foundry & Machine Co.

Circle No. 335

### Wheelbarrow:

Catalog available from Sterling Wheelbarrow Co. gives information on how wheelbarrows can be profitably used to haul coal, scrap, chips, turnings or similar heavy materials.

Circle No. 336

### Skid Truck:

Fully illustrated bulletin HST-19 available from Ironbound Box & Lumber Co. details hydraulic skid trucks for loads up to 1000 pounds.

Circle No. 337

### Terminal Trucks:

Full information on Jakes Foundry Co. safe-tow terminal trucks is offered by the manufacturer.

Circle No. 338

### New Magnesium Hand Truck Models:

Light weight, all-bolted construction and a wide variety of accessories and models of Magcoa magnesium hand trucks feature a new bulletin available from Magnesium Company of America. 12 models as well as six frame styles, three nose plate sizes and five wheel types are illustrated.

Circle No. 339

### Climbs Up Stairs:

Brochure from Valley Craft Products, Inc. gives details on a two-wheel hand truck which maneuvers stairs with ease. The truck is equipped with a special power drive and brakes.

Circle No. 340

### Combination Truck-Ladder:

The high deck truck and the high reach ladder have been combined by Rol-Away Truck Manufacturing Company to give a truck for added efficiency with extra high stock shelves. The unit is detailed in brochure form.

Circle No. 341

### Easy Pushing:

When you're pushing materials, the easiest way to do it is with lightweight magnesium equipment of its manufacture, says Brooks & Perkins, Inc. Details on floor trucks, bin trucks and stock trucks are included in a handy reference file.

Circle No. 342

### "In-Line" Trucks:

The Colson Corporation has available a bulletin on "In-Line" trucks for subfloor and overhead systems. Specifications and outstanding characteristics are given for both the overhead and floor towing models.

Circle No. 343

### All-Steel Hand Trucks:

All-steel hand trucks, platform trucks and shelf trucks, all with rubber tired wheels are illustrated, described and priced in a mailer offered by Laughlin Manufacturing Company.

Circle No. 344

### Platform Truck Ideas:

What you can do with a platform truck is told in a single sheet release prepared by Nutting Truck and Caster Company.

Circle No. 345

### Appliance Handling:

The Hamilton "48" Appliance Truck is described as being rugged, economical and dependable in a bulletin which lists the truck's specifications. The truck was designed with the appliance mover in mind, according to the manufacturer, Hamilton Caster & Mfg. Company.

Circle No. 346

### "Job-Suited" Equipment:

Latest literature off the press by Thomas Truck & Caster Company is a catalog which includes the company's complete line of "Job-Suited" trucks, trailers, casters and wheels.

Circle No. 347

### Custom Work Platforms:

All-steel portable and stationary platforms custom-fitted to each work requirement are illustrated and described in a folder from Ballymore Company. Increased production, safety and convenience in working at high levels are pointed out as prime considerations in Ballymore work platform design. Platforms for large equipment repair, production operations, maintenance and other uses are described.

Circle No. 348

### Appliance Handling:

The American Pulley Company has available a new catalog on its complete line of appliance handling equipment.

Circle No. 349

### Lightweight Hydraulic Truck:

A circular describing the new Lewis-Shepard Company lightweight hydraulic pallet truck for use with single and double face pallets, and skid platforms, is off the press. Details of construction, engineering highlights and installation photographs, as well as complete specifications of the 2000 pound capacity hand truck, are included in the four page circular.

Circle No. 350

### In a Hurry?

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# Trucks— Powered

## Truck Attachments:

Two new clamps, designed for handling beer kegs and drums, are pictured and described in a folder prepared by Iron Works Inc. Many general purpose clamps are also detailed in the literature.

Circle No. 351

## Versatile Carriers:

Kalamazoo Manufacturing Company has prepared a brochure on its gas and electric carriers which stresses the versatility of each type unit. The manufacturer claims that the superior engineering incorporated in the trucks adds up to maximum operating efficiency and economy for you.

Circle No. 352

## Financing Facts:

C.I.T. Corporation has literature available on a new method of machinery financing, with installment terms keyed to new depreciation schedules. A brochure of facts is available.

Circle No. 353

## Centralized Lubrication:

Complete information on the advantages of central lubrication on fork trucks is available from Lincoln Engineering Company. One such advantage is the thorough lubrication of the truck in minimum time. The company points out that the system reduces maintenance time, since one man can do the job in less than 60 seconds. Furthermore, starving or over-lubrication of bearings is prevented.

Circle No. 354

## Truck Has Long Reach:

A 24-page catalog, illustrating and describing its complete line of electric trucks, is offered by Raymond Corporation. Featured is the Reach-Fork tiering truck with the "boarding house reach".

Circle No. 355

## Truck Leasing Info:

The pros and cons of industrial truck leasing are contained in a folder available from The Elwell-Parker Electric Company.

Circle No. 356

## Small But Efficient:

A 28-page treatise entitled "Why the Small Fork Truck?" by Market Forge Company shows how small and medium sized plants can compete with big business in material handling efficiency. Illustrations, figures and charts show features of design, construction and performance of small power fork trucks.

Circle No. 363

## Fork Truck Operation:

Mercury Manufacturing Company has produced a four page reprint titled "Proper Operator Judgement Cuts Cost of Fork Truck Operations". It deals with the correct methods of operator training.

Circle No. 357

## Certified Job Study:

Anyone interested in reducing material handling costs will want to read a new Certified Job Study folder published by Towmotor Corporation, which gives details on the Bigelow-Sanford material handling problems, before and after the purchase of Towmotor fork trucks.

Circle No. 364

## Electric Walkies:

Bulletin 54 published by The Moto-Truc Co. covers the complete line of Moto-Truc electric walkies and their applications.

Circle No. 358

## Methods and Ideas:

Forty-eight manhour and space-saving handling operations are contained in a catalog available from Barrett-Cravens Company. Various types of Barrett material handling equipment are shown at work, with brief descriptions of the pictured applications.

Circle No. 359

## Fork Truck Facts:

Lewis-Shepard Products, Inc. has prepared a folder which discusses the relative merits of gasoline and electric trucks. Contained in the folder are 12 "Fact Sheets" and two industrial truck maintenance forms. The sheets may help you answer many of the questions about cost, dependability and service life of gasoline and electric trucks.

Circle No. 365

## Short Distance Handling:

Big Joe Manufacturing Company would like to tell you about an economical system for handling materials over a short distance. They call it "In-Between Handling", and it's detailed in a pocket-sized book.

Circle No. 360

## One-Lever Lift Truck:

Illustrating a lift truck with a unique single lever control for shifting, lifting and braking is a folder presented by Colson Corporation. Known as the "Handler", the new model SR-4 is a gasoline powered lift truck of the rider type with hydraulic drive and control, 400 pound capacity, two speeds forward, two speeds instantaneous reverse, and "dead man" brakes.

Circle No. 366

## LP-Gas Carburetion:

Complete information on conversion to LP-Gas is available from Marvel-Schebler Products Division, Borg-Warner Corporation, manufacturers of LP-Gas carburetion systems.

Circle No. 361

## Permanent Truck Records:

A fourth edition of the booklet, "10 Ways to Get More Work From Your Trucks" has been released by the Service Recorder Company. Revised to include latest designs of Servis Recorders and charts, the booklet explains how this precise instrument makes permanent records of when and how long motor trucks and industrial trucks stand still, when and how long they are busy each day.

Circle No. 367

## Industrial Truck Catalog:

Baker-Raulang Company has published a catalog which lists its complete line of industrial trucks. Included are gasoline and electric units, and the manufacturer's new Gas-O-Matic truck.

Circle No. 368

## Easy Brick Loading:

Unitized loads of fire brick are shown being loaded by a Kwik-Mix Moto-Bug in a release from the Koehring Company. Also included in the brochure are on-the-job pictures of Koehring equipment at work.

Circle No. 369

## Greater Efficiency in Aisles:

Features, specifications and dimensions of the Yale Warehouser electric truck with Extend-A-Forks are outlined in a bulletin released by The Yale & Towne Manufacturing Company. The truck was designed to provide greater aisle operating efficiency through forks which extend beyond the outrigger wheels to pick up and deposit loads, with no straddling of the load.

Circle No. 370

## New Type Flexible Line:

Flexible nylon pressure tubing is described in a bulletin issued by The Polymer Corporation. Outlined uses of the tubing, called Nylaflow, include air-, process-, coolant-, fuel-, oil-, lubricant- and hydraulic-lines.

Circle No. 371

## Handles Drums:

For fast, automatic, economical and versatile drum handling, Marvel Industries, Inc. suggests you use its Liftomatic power truck attachment. The unit is pictured and described in a brochure available upon request.

Circle No. 372

## Conversion to LP-Gas:

A number of booklets and data sheets available from the Parkdale Co. offers concise details on equipment for the conversion, through Beam equipment, of gasoline burning engines to use LP-Gas. Advantages of the liquid petroleum fuel are also covered.

Circle No. 373

## Handling Problems Solved:

How five companies in five different industries attacked their handling problems—some with dramatic results—is explained and illustrated in a 20-page issue of *Material Handling News*, published by the Clark Equipment Company, Industrial Truck Division. Detailing problems encountered by the companies and procedures used to make their material handling methods more efficient, the magazine treats firms in the stevedoring, toiletries manufacturing, wood products manufacturing, building supply and construction industries.

Circle No. 374

## Truck Stability:

A reprint titled "The Relationship of Fork Truck Stability To High Stacking" is offered by Mercury Manufacturing Company. The literature presents the engineering considerations in the ability of a fork truck to move loads vertically to great heights.

Circle No. 375

## Three "Dynamotive" Trucks:

Three models of the "Dynamotive" gas fork truck with electric transmission are described in a brochure published by Automatic Transportation Company. Complete specifications are given for the 4000, 5000 and 6000 pound capacity models.

Circle No. 376

## Lubrication Chart:

As a service to lift truck users, Hyster Company has made available a lubrication chart suitable for hanging on walls. The chart is patterned after similar Hyster charts available for Hyster Straddle Trucks, Karry Cranes, Turret Trucks and lift trucks, and gives complete, easy-to-understand lubrication data for the new Hyster RC-150, 15,000-pound-capacity lift truck.

Circle No. 377

## Gives More Underclearance:

Bulletin published by Barrett-Cravens Co. features the new six inches of lift incorporated in the Power Ox walkie electric lift truck. The truck can handle skids with a higher range of under-clearance, and easier operation on grades and ramps is assured, according to the manufacturer.

Circle No. 378

## Truck's Anatomy:

In a 4-color book published by The Baker-Raulang Company, the anatomy of electric fork trucks is closely examined, with Baker's FT-40 4000-pound capacity truck as the specimen. A series of 20 pictures of the most important components of fork trucks, complete with explanatory copy, make this book a handy reference for anyone concerned with the operation and maintenance of industrial fork trucks.

Circle No. 379

## New Fork Truck for 6-Foot Aisles:

Lewis-Shepard Products, Inc., offers two new circulars describing their model M high electric straddle type fork truck, in articulated and narrow styles for 6-foot aisle operation. Both styles come in either 2000 or 3000 pounds capacity, and feature a wrap-around reinforced steel compartment designed for operator safety.

Circle No. 380

## Product Folder:

For ease of reference, Market Forge Company has available a products index which may be used to hold information on material handling equipment. The index may also be used as a chart against inventory, and as a guide for the selection of additional equipment.

Circle No. 381

## Fork Truck Performance Data:

A method for predetermining the times necessary for fork trucks to perform specific operations is provided in a Work Kit available from The Yale & Towne Manufacturing Company. The study is said to assist materially in determining the efficiency of trucks now in use, as well as planning for future needs.

Circle No. 382

## Compare Gas Power Trucks:

The Yale & Towne Manufacturing Company depicts its gasoline, diesel and LP-Gas industrial lift trucks in capacities from 1 to 1000 pounds in a new 12-page bulletin. Included is a specification chart comparing different models of Yale gas-powered equipment, cutaway photographs featuring shockless steering, hydraulic brakes, hypoid gears and fluid couplings, as well as attachments handling a variety of different loads.

Circle No. 383

## Trucks, powered

Continued

### Factory Doors:

Rubber-covered factory doors, designed to withstand the pounding and bumping of industrial lift trucks, are illustrated and described in bulletin 52 by American Hard Rubber Company. The doors are said to eliminate the need for expensive door-opening devices and bumpers, save heat losses, and add to worker comfort.

Circle No. 383

### Carries Personnel or Material:

An electric car which is said to be safe, simple, easy to operate and economical, is described in a colorful release by Mid Empire Corporation. The battery operated vehicle can be used indoors or out, and can be operated for as little as five cents a day, according to the manufacturer.

Circle No. 384

### Material Handling Progress Around The World:

Townmotor Corporation has prepared a factual report covering examples of efficient material handling methods employed in cities all over the world. A catalog listing is included for reference purposes.

Circle No. 385

### True Timing Log:

A timing instrument which gives accurate information on engine operation is detailed in a four-page bulletin prepared by Engler Instrument Company. The instrument can be used on all kinds of equipment powered by electric motor or internal combustion engines, gasoline or diesel.

Circle No. 386

### Hydraulic Power Steering Systems:

A well-illustrated catalog published by Vickers Incorporated presents the company's new line of oil-hydraulic power steering components and shows typical applications of the equipment.

Circle No. 387

### More Work by One Man:

How to get more work done by one man is described by Getman Brothers in a bulletin which lists specifications of its new industrial truck.

Circle No. 388

### New Truck Pump:

Blackmer Pump Company describes a new rotary truck pump said to be ideally applied to handling petroleum products. Other features, construction details, specifications, a guide to proper application and truck mounting data are included.

Circle No. 395

### Lower Production Costs:

Find out from John Morrell Manufacturing Company how you can ride the Morlift truck to lower production costs and reduced manpower needs. Free bulletin gives operating data.

Circle No. 389

### Shock Absorber:

Details of construction, operation and application are given in Bulletin 1100 covering the hydro-pneumatic accumulator of Greer Hydraulics, Inc. This is described as an easily installed accessory designed to cushion shock and vibration on loads handled by fork trucks.

Circle No. 390

### Advantages of LP Gas:

"LP-Gas, the Modern Fuel" is a folder published by American Liquid Gas Corporation, and it pinpoints the outstanding advantages of LP-Gas. The purpose of the folder is to bring to the attention of all interested parties a simple explanation of the reasons why LP-Gas is an ideal engine fuel.

Circle No. 391

### Gas-Electric Power:

The Ready-Power Co. offers information on its new Bantam Model W gas-electric power unit.

Circle No. 392

### LP-Gas Advantages:

Advantages of using liquified petroleum gas power for industrial fork trucks are pointed out in a four-page brochure available from Clark Equipment Company.

Circle No. 393

### Fast Hauling:

Cushman Motor Works, Inc. would like you to have a copy of its latest release on the Truckster, a three-wheeled vehicle designed for fast hauling of light loads.

Circle No. 394

### More Warehouse Space:

Hyster Company thinks you'd benefit by reading its latest job study. The report tells how a west coast warehouse quadrupled its previous volume through efficient material handling.

Circle No. 396

### LP-Gas Carburetion:

Brochure from Century Gas Equipment Company gives details on LP-Gas carburetion. Outstanding features are highlighted, together with suggested uses.

Circle No. 397

### Industrial Hose Data:

A 24-page catalog of industrial hose assemblies, couplings, stems, swivels and accessories has been released by J. N. Fauver Company, Inc. It contains complete description and specifications, along with engineering data.

Circle No. 398

### Engine Hour Meter Suggestions:

Publication by John W. Hobbs Corp. gives many ideas on how Hobbs engine hour meters may be used profitably. Construction and farm equipment are highlighted.

Circle No. 399

### Cuts Exhaust Fumes:

Claiming to end exhaust fumes from gasoline, diesel or LP-Gas-powered equipment by installation of OCM catalytic exhaust, a 4-page bulletin offered by Oxy-Catalyst, Inc., describes its advantages and installation.

Circle No. 400

### Less Idle Time:

Moto-Trucks offer less idle time because of simplified operator controls, according to literature from The Moto-Truck Company, manufacturer of walkie type trucks.

Circle No. 401

### Designed For LP-Gas:

LP-Gas will give you sludge free performance hour after hour at low cost, says Clark Equipment Company in a colorful brochure on the subject. Clark gives details on its industrial truck designed for LP-Gas.

Circle No. 560

### **Four-Wheel Steering:**

A 4000 pound capacity, high lift platform truck with four-wheel steering, powered either by electric or gasoline-electric equipment, is detailed in a new four-page folder issued by The Elwell-Parker Electric Company.

**Circle No. 561**

### **Compensates for Floor Variation:**

Lamson Mobilift Corporation has available details on the fork truck with the Hydra-lizer. It automatically compensates for variation in floor surface up to three inches.

**Circle No. 402**

### **Safe Truck Operation:**

The do's and don'ts for safe operation of industrial trucks are detailed in literature available from The Elwell-Parker Electric Company. Operator training suggestions are included in the brochure.

**Circle No. 403**

### **LP-Gas Fork Truck:**

Complete information on LP-Gas operated stand-up or sit-down trucks is offered by Lamson Mobilift Corporation.

**Circle No. 404**

### **Safe Drum Handling:**

Complete information on a safe drum handling method is offered by Walz & Krenzer, Inc. The Tray-Hart drum carrier lifts, transports and stacks drums, and may be installed on any standard fork truck.

**Circle No. 405**

### **Top Performance:**

Brochure from Lift Trucks Incorporated tells how the Dyna-Dual power unit performs, stressing ease of operation, dependability, low maintenance cost and economy of power.

**Circle No. 406**

### **Moves People or Products:**

If you're interested in learning how you can move products or personnel efficiently, inside or outside your plant, Autoette, Inc. has information for you.

**Circle No. 407**

### **Safe and Economical:**

Facts book published by The Buda Division of Allis-Chalmers Manufacturing Co. gives data on safety, maneuverability and economy of Buda fork trucks.

**Circle No. 408**

### **Forks That Swing:**

Non-productive maneuvering can be eliminated with a Swing-Shift unit—forks that swing and shift—says literature from Swing-Shift Mfg. Co.

**Circle No. 409**

### **LP-Gas Couplings:**

Inst-O-Matic couplings which are said to cut costs and be vital for safety on LP-Gas equipment are described in a folder published by E. B. Wiggins Oil Tool Co., Inc. Ease in connecting and disconnecting the couplings is featured.

**Circle No. 410**

### **Fork Truck Facts:**

Thirty-six page booklet from The Buda Division of Allis-Chalmers Manufacturing Company puts you in the driver's seat with scores of fork truck facts.

**Circle No. 411**

### **Confined Area?**

It doesn't matter whether or not the area is confined, says Tractomotive Corporation, because its Model TL-6 is built to handle bulk in close quarters. Literature gives details.

**Circle No. 412**

### **Financing for Trucks:**

Data folder may be obtained from Automatic Transportation Co. on "Earn-Its-Own-Way" plan for financing the purchase of electric trucks.

**Circle No. 413**

### **Cut Maintenance Costs:**

There's a way to cut maintenance costs drastically and acquire efficient, more profitable production capacity, according to C.I.T. Corporation. The Payd Plan folder tells how.

**Circle No. 414**

### **Hydraulics for Vehicles:**

Bulletin M-5107 gives information on the Vickers Series S22 steering booster, designed especially for smaller vehicles, together with appropriate Vickers Pumps and typical circuit diagrams.

**Circle No. 415**

## **Yard Handling Equipment**

### **Applications for Hydraulic Crane:**

A copiously illustrated data folder shows applications of the Austin-Western Hydraulic Crane (tire-mounted, self-propelled) in a wide variety of jobs. Design features and operating specifications are listed.

**Circle No. 416**

### **One-Truck Fleet:**

Clark Equipment Company has published a colorful 16-page brochure on the Ross Carrier and calls it "The One-Truck Fleet". One man loads the carrier, drives it, and unloads it. Loading speed is said to be five seconds in capacities up to 50,000 pounds, and unloading speed is three seconds. The unit travels over-the-road or in restricted plant areas, with speeds up to 56 m.p.h. The carrier is pictured operating in all types of industries.

**Circle No. 417**

### **Railroad Equipment:**

If you're at all concerned with railroads, you'll be particularly interested in seeing a catalog published by The Nolan Company. Pictures, specifications and details of Nolan equipment designed for railroad use are contained in the release.

**Circle No. 418**

### **Excavator Crane:**

An informative 20-page catalog published by Hyster Company describes the Hystaway Excavator-Crane which can be mounted on various model Caterpillar track-type tractors.

**Circle No. 419**

### **Versatile Yard Truck:**

A brochure prepared by the Truckman Division of the Knickerbocker Company tells about a truck which is versatile enough to handle practically any job in the yard.

**Circle No. 562**

## **Yard Handling Equipment**

*Continued*

### **Indoor-Outdoor Crane:**

Austin-Weston Company says in bulletin AD-2253 that its hydraulic crane sets a new standard for versatility and work capability. Dimensions, performance data, working ranges and a safe load chart are included.

**Circle No. 420**

### **Cranes With Torque-Control:**

Catalog 87, issued by Orton Crane & Shovel Company, describes in detail the Torque-Control unit, as well as its application to crawler cranes. According to the company, Torque-Control is the most adaptable and most satisfactory application of torque conversion to crane drives.

**Circle No. 421**

### **Diesel Crawler Tractor:**

Features of the Allis-Chalmers HD-9 diesel-powered crawler tractor are shown in a cutaway view highlighting a new 30-page catalog now available from the Allis-Chalmers Manufacturing Company. On-the-job photographs illustrate the tractor's versatility and performance, and allied equipment and special accessories matched to the HD-9 for maximum operating efficiency.

**Circle No. 422**

### **Mobile Crane:**

Illustrated bulletin No. 79D from Silent Hoist & Crane Co. gives details on the fluid drive Krane Kar.

**Circle No. 423**

### **Overhead Bulk Handling:**

Engineers, contractors, material handling and construction men will be interested in a four page brochure available from Seaboard Equipment Co., Inc. The literature describes the Merton Overloader, a unit for fast straight line loading and variable height discharge of bulk materials.

**Circle No. 424**

### **Color Movie:**

A color movie showing on-the-job applications of the TerraTrac crawler-mounted M-3 fork lift may be obtained from American Tractor Corporation.

**Circle No. 425**

### **Shovel Attachments:**

The Shield Bantam Company has announced publication of Specification Bulletin No. TSH-301, which contains shovel specifications, capacities, information about optional shovel equipment such as electric dipper trip and re-handling buckets, plus job action photos showing typical Bantam shovel applications for the Model T-35  $\frac{3}{4}$ -yard, 6-ton truck-mounted machine.

**Circle No. 426**

### **Economical Bulk Handling:**

Published by the Baker-Lull Corporation is a condensed picture catalog on its new Model 20 Shoveload, a rubber-tired tractor loaded with a standard bucket capacity of 12 cubic feet. Designed for the economical handling of bulk materials, the Model 20 has an "all-in-one" packaged power train that helps reduce original purchase price and simplifying maintenance.

**Circle No. 427**

### **Rubber-Tired Cranes:**

A 12-page, two-color catalog which illustrates and describes the Lorain "42 Series" has just been released by the Thew Shovel Company. These machines are built exclusively for mounting on rubber-tire carriers and, as such, their turntables incorporate specific design features. These features are highlighted in the booklet, together with numerous on-the-job action pictures.

**Circle No. 428**

### **Dump Bodies with Hydraulic Hoists:**

The Gallion Allsteel Body Company offers a new 4-page catalog describing the Gallion Allsteel model 12N-7 heavy duty dump bodies in 10 to 13 foot lengths, with matching hydraulic hoists in three models from 15 to 25 ton capacities. Construction features, mechanical details and specifications are included.

**Circle No. 429**

### **Convertible Skid-Shovel:**

Catalog published by Drott Mfg. Corp. describes the company's new Four-In-One skid-shovel. Whether the unit is moving or standing still, the operator by placing the shovel selector in the desired position, can convert the unit into a bulldozer, a bulldozer, a skid-shovel or a clamshell.

**Circle No. 430**

### **Useful Attachments:**

"Useful Attachments for Payloader Tractor Shovels" is the title of a brochure offered by The Frank G. Hough Company. Listed and described are 16 attachments that are available to adapt the tractor shovels to many jobs.

**Circle No. 431**

### **Shovel-Crane Info:**

Revised descriptive bulletins covering the Lima Type 34 and 44 power shovels, cranes, draglines and pull shovels on crawler and wheel mounts, may be obtained from Baldwin-Lima-Hamilton Corporation, Construction Equipment Division.

**Circle No. 432**

### **Outdoor Lift Truck:**

An improved model two-ton outdoor high-lift truck is described in an interesting release by the Truck-Man Division of The Knickerbocker Company. A new transmission with four speeds forward and reverse delivers speeds up to 20 mph. The truck's versatility and high maneuverability are stressed.

**Circle No. 433**

### **All-Purpose Loader:**

Logging, pulpwood and lumbering industries will be interested in a catalog published by Pettibone Mulliken Corp. covering an all-purpose loader. The loader is specifically designed for operation in unpaved, soft areas typical of mill yards.

**Circle No. 434**

### **Shovel-Crane In Action:**

American Hoist & Derrick Company offers a descriptive catalog on its new  $1\frac{1}{2}$  yard shovel, 35-ton crane. Action pictures of the American 750 in quarries and gravel plants and handling pulpwood are included, together with general specifications.

**Circle No. 435**

### **Low-Weight Crane-Shovel:**

A 16 page illustrated catalog has been released by Bay City Shovels, Inc. describing the many design and construction features of its  $1\frac{1}{2}$  yard low-weight Crane-Shovel. Featured is the adaption of self-energizing, shoe-type clutches for swing and hoist.

**Circle No. 436**

### **Hydrocrane Pamphlet:**

A handy pocket-size pamphlet entitled "those who use it . . . choose it again!" describes Bucyrus-Erie's truck-mounted, all-hydraulic Hydrocrane from the repeat order angle.

**Circle No. 437**

### **Concrete Storage Bins:**

A 29-sheet technical brochure on concrete stave storage bins will be sent upon request to recognized engineers by The Neff & Fry Co.

**Circle No. 438**

### **Tractor Shovels:**

Michigan 75 tractor shovels are described and illustrated in a 12-page catalog offered by Clark Equipment Company's Construction Machinery Division. Models for application on all job conditions are described, including an all-wheel drive, a front-wheel drive and a rear-wheel drive.

**Circle No. 439**

### **208 HP Tractor Cuts Work Time:**

Le-Tourneau-Westinghouse Company offers a new 28-page folder in color, describing a 208 hp tractor. Features include a wide range of speeds, anti-friction bearings, all-welded steel case, electric motors at action points for positive control and interchangeable tools ranging from bulldozer to snow plow.

**Circle No. 440**

### **Transit Crane Details:**

A 12-page bulletin describing the Bucyrus-Erie Company 15 ton capacity transit crane is off the press. Illustrated by job application photos and closeups of mechanical features, the booklet includes a list of specifications and working ranges, plus a description of the unit's major advantages.

**Circle No. 441**

### **Truck Crane:**

A bulletin covering the P&H model 55 truck crane, known as Miti-Mite, has been published by Harnischfeger Corporation. Photos, features and design information are given in the 16-page catalog. The crane has a lifting capacity of seven tons and shovel capacity of 11 cubic feet, with a trench hoe width of 32 inches.

**Circle No. 442**

### **New Depreciation Methods:**

Contractors will be especially interested in a booklet prepared by The Jaeger Machine Company covering new depreciation methods for contractors. Numerous helpful facts are contained in the literature.

**Circle No. 443**

### **Five Methods of Discharge:**

Bulletin A-399 from Baughman Manufacturing Co., Inc. describes the new Bulkmobile which offers five methods of discharge.

**Circle No. 444**

### **Designed For Logs:**

A pictorial study of The Insley Manufacturing Corporation's Log Loader on-the-job is available to interested parties. General dimensions and operating data are contained in the bulletin.

**Circle No. 445**

### **Digs With Power:**

Illustrations and explanations of the wide range of uses for the Sherman Power Digger are contained in a booklet prepared by Sherman Products, Inc. Accessories, work range and specifications of the machine are also covered.

**Circle No. 446**

### **Self-Propelled:**

Catalog from Unit Crane & Shovel Corp. tells how to speed up material handling with a self-propelled, rubber tired yard crane.

**Circle No. 447**

### **Yard Crane:**

Bulletin 73 released by Silent Hoist & Crane Co. describes the Karrigo yard crane and gives details on a one to three year lease plan with option to purchase.

**Circle No. 448**

### **Two Tractor-Shovels:**

New application of important design principle makes new Payloaders more powerful, more effective, as explained in information available from The Frank G. Hough Co. Capacities are 1, 1½ and 2 cubic yards.

**Circle No. 449**

## **Packaging & Shipping Section**

### **Closure Equipment**

### **Packaging Adhesives:**

Paisley Products, Inc. is offering an illustrated folder describing six classifications of adhesives for the packaging field. Full information is also given on the company's laboratory control methods of manufacture, and an operation data sheet is included.

**Circle No. 450**

### **Maximum Efficiency:**

Stanley Steel Strapping Company says if you aren't strapped for efficiency you should consult them. A recent release gives details on its strapping tools, and tells how one company slashed \$20,000 from its yearly costs.

**Circle No. 451**

### **Plastic Closures:**

A combination catalog and price list on stock and custom-molded plastic closures has been issued by the Plastics Division of Colt's Manufacturing Company. The folder enables the prospective purchaser to quickly and easily indicate a choice of material, color, liner and quantity.

**Circle No. 452**

### **Round Steel Strapping:**

For bundling, palletizing and carload bracing of pipe, lumber, steel and non-ferrous metals, appliances, brick and automotive products, Gerrard Steel Strapping Division suggests you use its Model G round steel strapping machine. A colorful folder lists benefits and technical data.

**Circle No. 563**

## Closure Equipment

*Continued*

### Foot Touch Operation:

Nashua Corporation tells in a colorful folder how you can speed the operations of your shipping department through use of its foot operated electric tape dispenser.

**Circle No. 453**

### Suspended Bag Closers:

Sewing machines suspended from overhead mounting—with either top balance or counter-weight—are described and pictured in Booklet No. 201 issued by Union Machine Co. Titled, "Suspended Head Bag Closing Machines", the bulletin is concerned with portable machines having built-in motor, finger-tip controls, automatic brake and chain cutter. They handle all weights of bags—textile or paper.

**Circle No. 454**

### Puzzled About Right Closure?

If you're wondering whether you should use two-strip production line sealing, low cost standard sealing or quality tape for speed in complete closure, Hudson Pulp & Paper Corp. will send you details on all three types, plus tape samples for your inspection.

**Circle No. 455**

### Portable Bag Closer:

Dave Fischbein Co. offers details on a portable bag closer, said to be fast, secure and low cost.

**Circle No. 456**

### Fast, Efficient Tackers:

Arrow Fastener Co., Inc., has available a catalog on fast, efficient tackers for packaging and shipping purposes.

**Circle No. 457**

### Shipping Guide:

Signode Steel Strapping Company has published the 15th edition of its "Guide to Better Shipping" catalog. Information on pallets, bundles, crates, and production line packaging is described, together with a wide selection of strapping tools and equipment.

**Circle No. 458**

### Top & Bottom Stapler:

Specifications and other information on the Boxlok top and bottom stapler are available from Bostitch, Inc. Equipment seals a container in one pass.

**Circle No. 459**

### Sealer:

Booklet offered by Derby Sealers, Inc. gives details on the Derby 32-T case sealer.

**Circle No. 460**

### Steel Strapping:

Allegheny Steelband Company will analyze your shipping problems free and offer a suggestion on Steelband strapping.

**Circle No. 461**

### Makes Cleated Boxes Faster:

Catalog published by Auto-Nailer Co. tells how the Auto-Nailer makes cleated boxes much faster than previously possible. The machine makes, drives and clinches three nails per second.

**Circle No. 462**

### Case Sealer:

Details are available from A-B-C Packaging Machine Corp. on how its short case sealer can save floor space and labor for you.

**Circle No. 463**

### Strapping History:

Gerrard Steel Strapping Division has prepared a 36 page "Blue Book of Packaging". The catalog contains an interesting history about steel strapping, cost saving and material charts, typical application photographs and a resume of the firm's products.

**Circle No. 464**

### Dial Tape Dispensing:

Marsh Stencil Machine Company is offering a brochure which tells how you can save 20 percent in time and gummed tape. The answer is said to be its dial tape dispenser.

**Circle No. 465**

### Automatic Gluing and Taping:

An illustrated bulletin describing a new machine that automatically glues and tapes shipping containers in one pass is available from the Clybourn Machine Corporation.

**Circle No. 466**

### Exceptional Strength:

Owens-Corning Fiberglas Corporation has prepared a folder containing samples of its fiberglas reinforced tapes and papers which are said to have a tensile strength of more than 200,000 psi. They are lightweight and have a high resistance to moisture, rot, vermin, insects, extreme heat and cold. Use of these new materials for packaging, shipping and material handling has resulted in considerable savings to users in money, time and effort, according to the manufacturer.

**Circle No. 467**

### Engineered Taping:

How colored and transparent "Scotch" brand acetate fibre and film tapes have been engineered for varied industrial taping applications is shown in a new 6-page folder available from Minnesota Mining and Manufacturing Company.

**Circle No. 468**

### Full Line of Staple Tackers:

Pictures, sketches, data, specifications and special features of an extensive line of automatic tackers, staples, and accessories are provided in a 22-page booklet issued by Fastener Corporation.

**Circle No. 469**

### Makes Tape As Used:

Williamson Adhesives, Inc., offers a brochure describing a new machine producing continuous pressure-sensitive tape at the point of use. Many applications are possible by use of a variety of materials, in widths from  $\frac{1}{4}$  to 3 inches. The compact unit is 18 inches square and 5 feet high.

**Circle No. 470**

### Wire Stitching Packaging:

Wire stitching is described in a 23 page brochure by Acme Steel Company as a fast, economical method to assemble or close corrugated and solid fibre boxes securely. This method of closure is said to comparatively reduce material costs as much as 80 percent.

**Circle No. 471**

### Strapped Shipments for Safety:

Applications of steel strapping to many types of shipments are illustrated and pictured in a data folder released by Signode Steel Strapping Co. Strapping tools and equipment are also described. The firm offers specific help on particular packaging and shipping problems.

**Circle No. 472**

### Helps Metalworking:

Hundreds of ways in which pressure-sensitive tapes serve the nation's metalworking industry are described in a 56-page manual by Minnesota Mining and Manufacturing Co.

Circle No. 473

### Electric Tape Dispensing:

An all electric gummed tape dispenser with a press-button keyboard length selector, is described in the latest release from Ideal Stencil Machine Company. The new dispensing unit measures, moistens, delivers and cuts moistened tape, ready for instant sealing.

Circle No. 474

### Pneumatic Stretchers:

Bulletin AD-146 from Acme Steel Company illustrates and describes standard and pusher bar pneumatic stretchers. The tools have been developed for production line strapping applications where pre-determined and uniform strap tension is required. Simplicity of operation is said to reduce operator fatigue.

Circle No. 475

### Tape You Can Write On:

Labelon Tape Co., Inc. has available a four-color folder which describes a new pressure sensitive plastic tape you can write on. Pictures and descriptive material show many of the hundreds of uses of the labeling aid.

Circle No. 476

### Tape Tabs:

Sample tabs of tape are contained in a catalog sheet available from Polyken Products, Department of The Kendall Company. If you have a taping problem, you can find out what tape is best suited for your particular needs by consulting the handy chart.

Circle No. 477

### Tape Facts:

The Pressure Sensitive Tape Council which is working at the job of standardization in nomenclature and test methods within the pressure sensitive tape industry, has available a brochure of facts and information about itself.

Circle No. 478

### Seals in a Jiffy:

The Packomatic Packer-Gluer packaging machine manufactured by J. L. Ferguson Company is said to be economical, smooth and fast sealing. Details are contained in bulletin 100-53A.

Circle No. 479

### Reduce Damage:

Gerrard Steel Strapping Division says the models TI, N and LK round steel strapping machines are economical, eliminate pilferage and reduce damage. Details on the machines are given in a colorful brochure.

Circle No. 480

### Double-Duty Tape:

One tape which does the work of two is described in a four-page brochure by Permacel Tape Corporation. Many features of the tape are detailed, together with possible applications.

Circle No. 481

### Cuts Packaging Costs:

Booklet titled "Cost-Saving Packaging" is available from The Celotex Corp.

Circle No. 485

### Sprayable Plastic Coating:

R. M. Hollingshead Corporation offers a basic manual for spraying Cocoon plastic coatings. The manual reviews the techniques of spraying and their effects on this plastic protective coating.

Circle No. 486

### Car Cushioning:

How car cushioning can reduce damage claims is explained in a colorful pamphlet distributed by American Ecxelsior Corporation. The firm also offers a complete package engineering service.

Circle No. 487

### Stops Rust:

A 19 page booklet available from Angier Corporation discusses all phases of VPI corrosion prevention and its applications. The booklet gives a detailed explanation of vapor phase inhibitors and the chemical action that occurs to halt rusting of ferrous metals and aluminum.

Circle No. 488

### New Packaging for Glass:

Sus-Rap Vanant Company, Inc., offers a 4-page folder describing Sus-Rap, a new method of packaging glass and other fragile objects which provides horizontal and vertical suspension to float the product. Other advantages claimed for Sus-Rap include reduction of packing time, breakage, damage and costs.

Circle No. 489

### Interior Packaging:

How Kimpak 301 can provide better protection at lower cost is described in literature available from Kimberly-Clark Corporation.

Circle No. 482

### Barrier Rap:

Samples and test data on Green Core barrier rap are available from Mid-States Gummed Paper Co.

Circle No. 483

### Protective Packaging:

Free samples and packaging information on Fibreen retainer sheet are available from American Sisalkraft Corp.

Circle No. 484

### Peelable Plastic Packaging:

Eastman Chemical Products, Inc., offers a colorful 12-page booklet introducing Butyrate, a new peelable plastic packaging material. Preservation of parts is accomplished by dipping into molten plastic, which solidifies on withdrawal. Advantages and applications are fully described.

Circle No. 490

# Cushioning & Barrier Materials

Continued

## Absorbs Hardest Shocks:

Details on a product claimed to absorb the hardest intratransit shocks and vibrations are available in a booklet prepared by Armour and Company.

Circle No. 491

## Unitized Loading:

How use of the unitized loading method, using Thilco wrap-dri retaining papers, can work for you to reduce damage to goods in transit, is told by Thilmany Pulp & Paper Company in a facts folder. Samples of the paper and suggested methods of loading are included in the brochure.

Circle No. 492

## Chemically Active:

The new chemically active paper that blocks rust in one simple operation is described by Daubert Chemical Company in a recent bulletin. Facts are given about the Vapor-Wrapper, what it is and how it works to protect products.

Circle No. 493

## Resists Crushing:

The development of a new type of paperboard—made from straw—which is said by Alton Box Board Company to excel the product manufactured from traditional wood pulps in its ability to resist crushing, is described in detail in a colorful free brochure.

Circle No. 494

## Industrial Sheet Packing:

Ten types of all-purpose pure gum and synthetic rubber sheet packing, and the recommended uses for each, are contained in a colorful release available from Hewitt-Robins Incorporated.

Circle No. 495

## Protects Products:

Catalog released by Jet-Pak Inc. highlights the varied economical applications of Jet-Pak cushioned pads and blankets where shock, abrasion, marring, freezing or dust presents a shipping or warehouse problem.

Circle No. 496

## Controlled Reinforcement:

You're invited by Thilmany Pulp and Paper Company to see and test for yourself samples of its Wrap-Dri reinforced papers with controlled pattern reinforcement. A colorful bulletin includes facts as well as samples.

Circle No. 564

## Protective Packaging Samples:

If you'd like to see nine samples of Krinkled Kraft paper, as manufactured by Nichols Paper Products Company, there's a folder which you can obtain free of charge. Specifications are included in the literature.

Circle No. 497



## Stenciling Data:

A hand book guide to the current addressing of shipments and the use and care of marking equipment is available from Marsh Stencil Machine Co.

Circle No. 498

## Obliterating Fluid:

Complete information on Reynolds Stencil-Kover, a tan blockout or obliterating fluid packed in an efficient, easy-to-use aerosol dispenser. The manufacturer, Reynolds Ink, Inc., points out that the fluid may be used on all types of containers: crates, cases, drums, cartons, etc.

Circle No. 499

## Modern Shipping:

Weber Label and Marking Systems has available a file-folder kit which shows how to modernize shipping operations. Actual product samples are included in the kit which tells how to simplify shipping paperwork.

Circle No. 500

## Stencil Ink Use:

D and A Company has issued a catalog sheet on its Quikspray stencil ink. The sheet illustrates some of the hundreds of uses of the ink and lists advantages of the product from a standpoint of efficiency, economy and dependability.

Circle No. 501

## Hand Stamp:

Literature and free sample form-cut stencil and print are offered by The Multistamp Co.

Circle No. 502

## Automatic Marker:

Descriptive literature available from Adolph Gottschal, Inc. explains automatic marking of four sides of cases in a single pass.

Circle No. 503

## Writes on Everything:

A felt-tip marker which writes on metal, wood, glass or cloth, in bold or fine lines, in a range of ten colors, is featured in literature by Cushman & Denison Manufacturing Co.

Circle No. 504

## Marks on Any Surface:

Bulletin from Industrial Marking Equipment Company tells how the Autoprinter marks well on any surface.

Circle No. 505

## Quick and Simple Marking:

Descriptive literature available from American Tape Printer Co. tells about a quick and simple method of marking.

Circle No. 506

## Automatic Counting:

A color-illustrated brochure showing the FMC Record Counter has been produced for the trade by the Packing Equipment Division of Food Machinery and Chemical Corporation. The new bulletin shows the many jobs that can be performed by automatic electric counters.

Circle No. 507

## New Labeler:

A semi-automatic labeling machine for round containers is described in a pamphlet by The Atlantic Supply Company. The unit is said to speed up production and save labels, labor and money.

Circle No. 508

## Streamlined Addressing System:

The Weber Tab-On stencil system for streamlining shipment addressing operations is described in brochure form by Weber Label and Marking Systems. This system ties-in shipment addressing with preparation of the paperwork to save time and reduce errors.

Circle No. 565

# Packaging Machinery

## Pallet Packer:

Complete information on how the products you process can be handled even more efficiently by a Pallet Packer is offered by The American Baler Co.

Circle No. 509

## Speeds Packaging:

Complete details on how Wiretyer automatic packaging units and conveyors speed package and bundle-tying operations is available from Wiretyer Corporation.

Circle No. 510

## Fast Pallet Loading:

Bulletin issued by J. W. Greer Company gives facts about the Palletizer, a machine said to make pallet loading a fast, safe and inexpensive operation for any production or packing line where cartons or packages are to be loaded on pallets.

Circle No. 511

## Automatic Packaging Equipment:

Your packaging will be more profitable when you use Pak-Rapid equipment, claims the manufacturer, because you'll obtain the advantages of economy, efficiency, versatility and simplicity. Details are given in a colorful release.

Circle No. 512

## Eliminates Pre-Rolling Mandrel:

Dyken Manufacturing Company introduces a 4-page brochure illustrating a new method of automatically rolling and wrapping pliable materials on its new self-starting rolling machine, which eliminates the need for pre-rolling mandrel or starting bar. Materials, capacities, speeds of rolling, controls and automatic wrapping, measuring and cut-offs are discussed.

Circle No. 513

## Cuts Production Costs:

E. D. Coddington Manufacturing Company says in a colorful brochure that its Auger-Matic speed weigh bag packer cuts production costs as it fills and weighs paper valve bags. No scooping, sewing or taping is necessary when using this machine.

Circle No. 514

# Shipping Containers

## Proper Packaging For Extra Profits:

An invitation to make extra profits by using American design-engineered wirebounds, wood-cleated panel and nailed-wood containers is extended by The American Box Company in a pocket-size booklet. Briefly, these profits are made possible by eliminating waste of over-packaging and losses from under-packaging.

Circle No. 515

## Unitized Load Handling:

Interesting brochure from Mead Board Sales, Inc. tells about Poke-Pak expendable fiberboard for unitized load handling.

Circle No. 516

## Shipping Container:

Ackermann Manufacturing Co. offers details on a new shipping container which is all steel, fully nestable, reusable, self-palletizing and tierable.

Circle No. 517

## Flexible Containers:

Data from The Youngstown Steel Door Company points out facts about its two basic types of flexible bulk material containers.

Circle No. 518

## Shipping Heavy Products?

Wirebound crates for heavy products is discussed in a brochure issued by General Box Company. The highly illustrated booklet shows how engineered wirebound containers are economically used to replace costly custom-built crates in the packing and shipping of equipment weighing up to several tons.

Circle No. 519

## Award-Winning Boxes:

In an 8-page booklet, Hinde & Dauch describes its eight winners in the Fibre Box Association's annual design competition recently held in Chicago. In addition, the company pictures some of its other products in current use, and lists four standards by which packaging should be judged: easy handling and storage; built-in protection; product identification; convenient display.

Circle No. 520

## Plywood Containers:

A fully-illustrated case history booklet on plywood shipping containers is available from Atlas Plywood Corporation. One section of the booklet is devoted to typical case histories, documented with "before and after" photographs which show how tough shipping problems have been solved.

Circle No. 521

## Fibreboard Container Facts:

Characteristics of fiberboard shipping containers are outlined in an eight page release published by Paisley Products Inc. The literature explains various sealing methods and pictures numerous case sealing machines.

Circle No. 522

## Idea Book:

"How To Pack It", a packaging portfolio published by Hinde & Dauch, contains numerous packaging ideas. Among other things, the booklet describes and illustrates a selection of 12 different styles and more than 70 types of corrugated boxes for a variety of products.

Circle No. 523

## Wooden Box Booklet:

Available from the National Wooden Box Association is a cartoon-type fact booklet which emphasizes a wide range of uses for nailed wooden boxes and crates. The booklet is non-technical in nature, and conveys its message by brief copy and simple illustrations.

Circle No. 524

## Collapsible Container:

Republic Steel Corporation has made available a 4-page, two-color folder describing its Pressed Steel Division's newest product, the Collaps-a-tainer, a lightweight, collapsible, returnable, steel shipping container. Construction details are illustrated.

Circle No. 566

## In a Hurry?

For complete, fast information on any item, or items, circle the corresponding number on the Reader Service Card, facing pages 16 and 17, and mail it right away.

## Shipping Containers

Continued

### Bulk Packaging:

Six different types of bulk packaging are shown in a brochure available from Gaylord Container Corporation.

Circle No. 525

### For Postal Shipments:

There's no wrapping, tying or taping, says The Mason Box Company, if you use its Mailmaster box for postal shipments. Details on how you can profit by using this container for postal shipments are included in a handy booklet.

Circle No. 526

### Collapsible Containers:

American Permaberg Company, Inc. tells in booklet form all about its general purpose containers . . . how they were designed to save transportation costs and storage space. The containers are manufactured of steel or light alloy, and are collapsible.

Circle No. 527

### "New Look" Corrugated Boxes:

Hinde & Dauch Company offers a 4-page folder showing boxes made of Corabrite, a new lighter-colored corrugated board with a smooth finish and uniform color and texture. The Hinde & Dauch branch nearest you is listed on the back.

Circle No. 528

### Re-Usable Containers:

An abundantly illustrated 16 page technical bulletin published by Peters-Dalton, Inc. describes the advantages of using scientifically constructed re-usable containers. The booklet features the lightness and compactness of the design.

Circle No. 529

### Polyethylene Bag Info:

Literature available from Bemis Bro. Bag Co. talks about packaging for sales in polyethylene. The folder lists the physical qualities and characteristics of polyethylene and its advantages, and describes various types of polyethylene bag constructions.

Circle No. 530

### Versatile Bulk Container:

Kaiser Nest-A-Bin Division has released a brochure on its bulk container, designed to cut handling costs all around.

Circle No. 531

### Opens Drums:

A fully illustrated two-color, four page bulletin describes the latest design of Merrill Brothers' drum opening tool. The folder contains complete specifications for use of the unit.

Circle No. 532

### Fiberglass Containers:

Properties, advantages, styles and applications of fiberglass containers are given in a booklet offered by Fiberglass Box Co., Inc.

Circle No. 533

### Product Protection:

Lower packaging costs, improved product protection and extra display value are three benefits claimed by Hinde & Dauch for its packaging designs. The article appears in "Package Laboratory News", a quarterly publication of the manufacturer. The bulletin offers a free packaging guide titled "Pack to Attract".

Circle No. 534

## Shipping Equipment

### Mobilvan System on Film:

Clark Equipment Company has made available prints of a motion picture on the Mobilvan System. Titled, "The Time Has Come", it has a screening time of slightly more than 15 minutes, has narration and music trail, and is offered at no charge.

Circle No. 535

### Speeds Handling:

Anything hands can do, machines can do better and at lower cost, says Pitney-Bowes, Inc. in an informative folder. The company tells how you can cut costs the easy way, and offers a plan for both large and small businesses.

Circle No. 536

### Impact Recorder:

The Impact-O-Graph Corporation tells how you can get big returns from a small investment in literature which describes the Impact-O-Graph. This instrument records the magnitude and direction of an impact in all directions, as well as the exact time of an impact. As the manufacturer points out, its applications grow in number each day—for example, evaluating cushioning and packaging materials, laboratory testing on the incline impact tester, the drop tester and vibration equipment, checking riding qualities of trucks and trailers, quality control, etc.

Circle No. 537

### Portable Paper Cutter:

Brochure from The S. J. Bina Company tells how you can bring the paper to the point of use through use of its B-Line portable paper cutter. The cutter holds and cuts the paper, and is equipped with wheels for easy portability.

Circle No. 538

### Newest Movement Method:

A new concept of transportation is described by Clark Equipment Company in a colorful release on the Clark Mobilvan System. The new movement method is adaptable to city trucks, highway trucks and flat cars, and is said to result in big savings to shipper and consignee.

Circle No. 539

### Fabric Containers:

Container Products Division of U. S. Rubber Company presents a 16-page bulletin describing the advantages and applications of the new 70-cubic foot U. S. Sealed Bin collapsible container. Built of two-ply tire-cord-type fabric, it is inflated for filling shipping and storage and deflated, collapsed and folded to 15% of size for return and re-use. It is claimed to be non-corrosive, verminproof, leakproof and moistureproof, and low in cost.

Circle No. 540

### Profits You Can See:

Brown-Line Corporation has published a brochure describing two features of interest to the trucking industry—use of the Brown-Line "Damage Control System" and "Second Deck", claimed to increase loads by as much as 20 per cent.

Circle No. 541